

iBASE

DIGITAL SIGNAGE PLAYERS

2015 Edition



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✦ About IBASE

IBASE Technology is a leading embedded PC manufacturer with a special focus on high quality and high performance digital signage media players. We offer a full range of products that cater to the needs of customers for different applications and create unique and successful experiences for our users worldwide.

A full product lineup is available for various requirements that include entry-level, mid-range or high-performance signage players, which comes with segregated airflow or fanless designs. Our long life-cycle digital signage systems offer one, two, four, six and 12 HDMI outputs - all support 1080P resolution for every individual content. Most IBASE signage products have been certified by international well-known signage software companies.

IBASE's R&D team is composed of talented hardware and software engineers - 50% with over 15 years and 45% with 5 to 10 years of experience in their respective fields. Manufacturing and quality control of IBASE products are 100% carried out in our own production facilities in Taiwan. Certified by ISO 9001 quality management system, the facilities have been qualified by world-class IT companies.

IBASE also provides ODM and design services encompassing industrial designs in various fields and applications. IBASE tailors its services to meet customers' requirements, while providing technical research and R&D expertise, in order to offer one-stop shopping services to our clients.



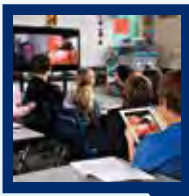


Digital Signage Solutions

High Quality Signage Players that Cater to Your Needs

Education

- School Events
- Intelligent Classroom
- Vivid Lecture Materials



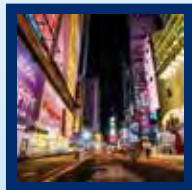
Public Venues

- Airport Flight Schedule
- Building Directory
- Event & Tradeshow
- Safety Alert Sign



Advertisement

- Virtual Dressing Room
- Multimedia Ads
- Instant Content Updates



Retail Environment

- Food Menu Display
- Video Playback Content
- POS Register & Kiosk



Internal Communication

- Meeting & Conference
- Reception Room
- Innovative Workshop

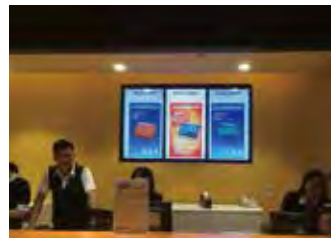


Surrounding Your World - with Digital Signage

Digital Signage Deployments

IBASE's Signature Book™ digital signage players have created unique and successful experiences for our users across different industries. Our players are widely adopted in different applications, covering major cities around the world. So contact us now and explore new opportunities!

SI-304



Cashier Counter

SI-58



Digital Menu Board

SI-64



Magic Mat

Vending Machine

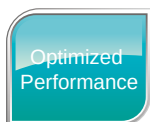
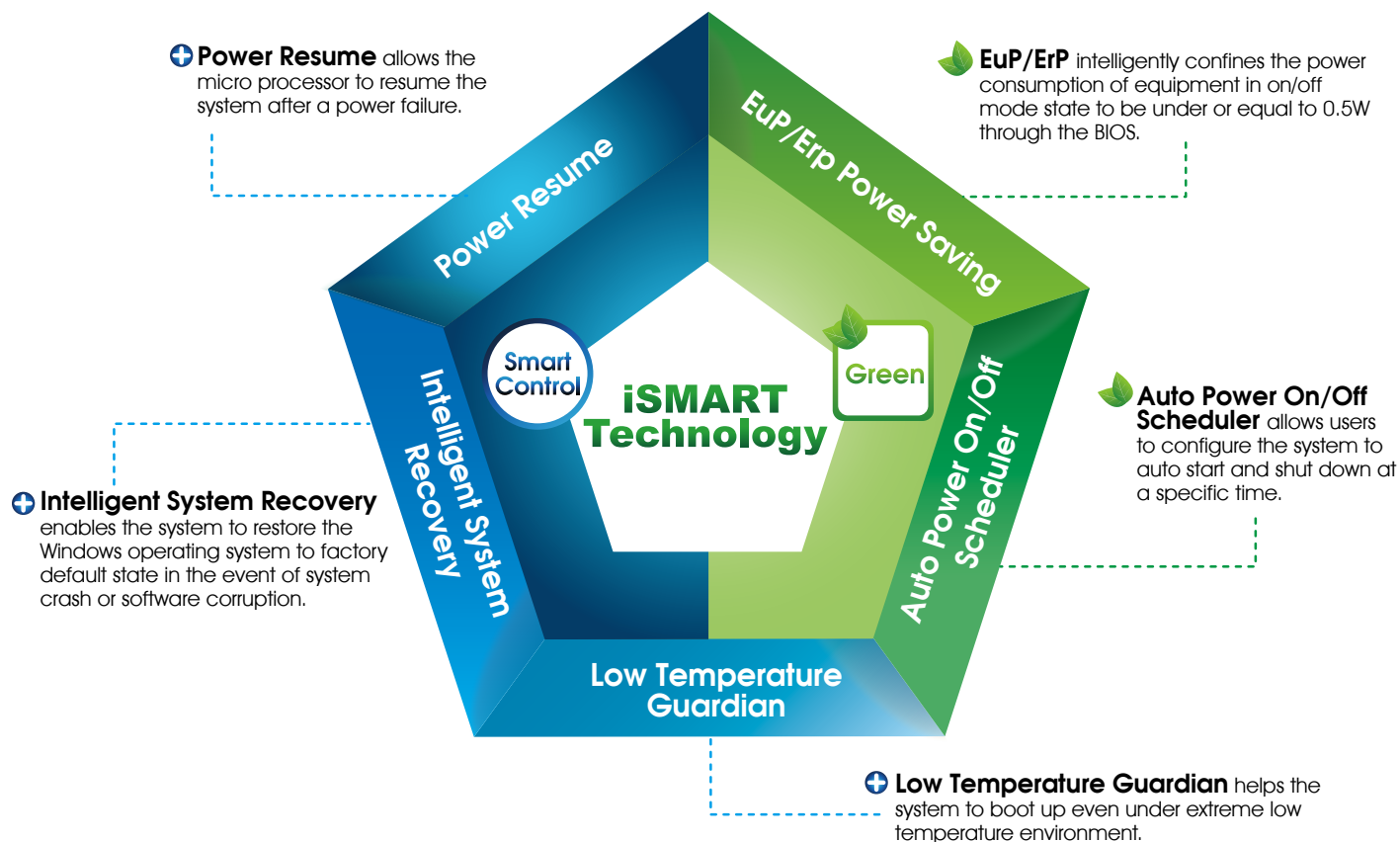
SI-38



Digital Signage Wall

Digital Signage Menu Boards

Key Features of IBASE Signage Players



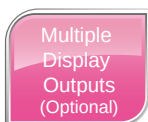
Brings **Optimized Performance** and advanced chipset technologies for retail and digital signage platforms.



Provides flexibility to choose **Industry-Standards OS**, such as Microsoft Windows operating systems.



Highly **Scalable Solutions** catering to different project/business requirements.



Simultaneous **Multiple Independent Display Outputs** provide an ultra immersive visual environment for the ultimate panoramic computing experience.



Multiple Mini PCI-e expansion slot allows **Flexible Connectivity** for WiFi/BT/3G/GPS & TV tuner.



Segregated Thermal Design ensures long term reliability with a minimum acoustic footprint, the cooling airflow is segregated from the electronics to keep contaminants out.



Fanless cooling design utilizes the rugged extruded aluminium chassis as a heat sink to dissipate internal heat and provide a quiet and **Fanless** operation.



Through IBASE innovative design concept and strict selection of components, IBASE signage players are built for **24/7** operation.



IBASE offers **5~7 Years** longevity support and supply that is vital to large-scale stage deployment

Loading Edge Solutions

IBASE is proud to work with the industry-leading digital signage developers to provide complete hardware turnkey solutions used in areas such as retail, outdoor, advertising, public transport, casinos, healthcare, banks, hotels and campuses. Our success in IBASE signage player is driven by aspiration, passion and innovation coming from our dedicated engineers.



Selection Guide

A full range of product choices is available for different customer requirements that include entry-, mid-range- or high-performance players with fanless or segregated ventilation designs. From single to multiple output displays, with passive or active cooling, IBASE signage player products cater to the needs of customers for different applications and environment.

	Screens						
	1	2	3	4	5	6	8 ~12
4x3 Video Wall (4K Video Playback)							SI-60E
3x2 Video Wall (4K Video Playback)						SI-606 SI-58	
2x2 Video Wall (4K Video Playback)	SI-304 SI-83			SI-304 SI-64 SI-58			
Flash	SI-62(i3) SI-38-DC SI-38/N-DC SI-22 SI-12	SE-92 SI-62(i5/i7) SI-38-QC SI-38N-QC	SI-304 SI-64 SI-58 SI-83	SI-304 SI-64 SI-58	SI-606 SI-58	SI-606 SI-58	SI-60E
	SI-22 SI-12	SE-92 SI-62(i5)	SI-64 SI-58 SI-83	SI-304 SI-606 SI-64 SI-58	SI-606 SI-58	SI-606 SI-58	SI-60E
	SI-18 SI-08 SI-06 SA-112	SI-38-DC SI-38N-DC SI-32N					
		SI-22 SI-12	SI-38-QC	SI-304			
FHD							
HD							

Fanless Design

Segregated Airflow Design

Comparison Table

Entry-Level



Models	SA-112-N	SI-06	SI-08	SI-18	SI-22	SI-102-424
CPU	Freescale iMX6Q Automotive 1GHz /iMX6DL Commercial 1GHz	Intel® Atom™ Processor D2550 @ 1.86GHz	AMD G-Series Dual-Core APU T56N @ 1.65GHz	AMD G-Series Dual-Core APU T56N @ 1.65GHz	AMD Embedded G Series SoC APU Quad-Core @ 1.5GHz	AMD Embedded G-Series SoC APU (4 Cores Quad-Core 2.4GHz @ 25W TDP)
Chipset	Integrated	Intel® NM10	AMD A50M	AMD A50M	Integrated	Integrated
Memory	Onboard 1GB DDR3L, 533MHz, (1066MT/s)	DDR3 1066MHz SO-DIMM Max. 4GB	DDR3-1333 SO-DIMM Max. 4GB	DDR3-1333 SO-DIMM Max. 4GB	DDR3-1600 SO-DIMM Max. 8GB	DDR3-1866 SO-DIMM Max. 8GB
Graphics	i.MX53 + VP6 / WebM VP8, H.264 MVC	Intel® GMA 3650 integrated graphics	AMD Radeon™ HD6320 series graphics integrated in APU	AMD Radeon™ HD6320 series graphics integrated in APU	AMD Radeon™ HD8330E series graphics integrated in APU	AMD Radeon™ HD 8KE series graphics integrated in APU
Display	1x HDMI + 1x VGA	1x Hybrid-DVI (VGA/ DVI/ HDMI with audio)	1x Hybrid-DVI (VGA/ DVI/ HDMI with audio)	1x Hybrid-DVI (VGA/ DVI/ HDMI with audio)	2x HDMI 1.4a	2x HDMI 1.4a
Ethernet	1x RJ45 (1000M)/AR8031-AL1B 1x WiFi function built-in	1x Realtek RTL8111E	1x Realtek RTL8111C	1x Realtek RTL8111C	1x Realtek RTL8111DP	1x Realtek RTL8111DP PCI-E Gigabit LAN
Expansion Slots	1x Mini PCI-E(x1) slot for optional 3G Wireless	1x Mini PCI-E(x1) for Wi-Fi/ Bluetooth/ TV tuner/ 3G Wireless options	1x Mini PCI-E(x1) for Wi-Fi/ Bluetooth options	1x Mini PCI-E(x1) for Wi-Fi/ Bluetooth options	1x mPCIe(x1) for WiFi + Bluetooth, 3G, and TV tuner options 1x UIM/SIM card slot (for 3G/LTE adaptor in mPCIe slot)	1x Mini PCI-E(x1) slots for optional Wi-Fi/ Bluetooth/ TV tuner/ 3G Wireless 1x SIM card slot
Video Capability	1x FHD	1x FHD	1x FHD	1x FHD	1x FHD 2x HD	1x FHD 2x HD
iSMART	-	Yes	Yes	Yes	Yes	Yes
Fanless	Yes	Yes	Yes	Segregated Flow Ventilation	Yes	Yes
iAMT/DASH	-	-	-	-	DASH	DASH
Certification	CE/FCC, cULus & CCC	CE/FCC, UL & CCC	CE/FCC, UL & CCC	CE/FCC, UL & CCC	CE, FCC class B, VCCI class B, UL and CCC	CE/FCC, VCCI class B, UL & CCC
Storage	1x eMMC (Default 8GB) 1x SD/SDHC card slot (up to 32GB)	1x 2.5" HDD/SSD 1x mSATA	1x 2.5" HDD/SSD	1x 2.5" HDD/SSD	1x mSATA	1x mSATA
USB	2x USB 2.0 1x mini USB(OTG) (USB device, supports host)	2x USB 2.0	2x USB 2.0	2x USB 2.0	1x USB 2.0 2x USB 3.0	1x USB 2.0 2x USB 3.0
Dimensions	117mm(W) x 104.3mm(D) x 32.2mm(H)	166mm(W) x 102mm(D) x 34mm(H)	200mm(W) x 150mm(D) x 34.8mm(H)	125mm(W) x 125mm(D) x 36mm(H)	190mm(W) x 130mm(D) x 19.5mm(H)	220mm(W) x 147mm(D) x 25mm(H)
Weight	0.5 kgs (1.1lbs)	1.26KG (2.77lbs)	1.3kg (2.86lbs)	0.8kg (1.76lbs)	0.9Kg (1.98lbs)	1.4Kg (3.09lbs)
Operating Temperature	-40°C ~ 75°C (-40°F ~ 167°F)	0°C ~ 45°C (32°F ~ 113°F)	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 45°C (32°F ~ 113°F)	0°C ~ 45°C (32°F ~ 113°F)
Power Supply	Optional 25W power adaptor	40W power adaptor	60W power adaptor	60W power adaptor	60W power adaptor	60W power adaptor
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Comparison Table

Mid-Range



Models	SI-38	SI-38N	SI-56	SI-62	SI-83
CPU	AMD R-Series 32nm Quad-Core R-464L or Dual-Core R-272F APU	Onboard AMD R-Series 32nm Quad-Core R-452L/ Dual Core R-260H APU	2nd/3rd Generation Intel® Mobile Core™ i7/i5/i3/ Celeron® QC/ DC processors	2nd/3rd Generation Intel® Mobile Core™ i7/i5/i3/ Celeron® QC/ DC processors	4th Generation Intel® Mobile Core™ i7/i5 Celeron® QC/ DC processors
Chipset	AMD A70M	AMD A70M	Intel® QM67	Intel® QM77	Intel® QM87
Memory	2x DDR3-1600 SO-DIMM Dual Channel, Max. 8GB	2x DDR3-1600 SO-DIMM, Dual Channel, Max. 8GB	2x DDR3-1333 SO-DIMM Dual Channel, Max. 16GB	2x DDR3-1600 SO-DIMM Dual Channel, Max. 16GB	2x DDR3L-1600 SO-DIMM Dual Channel, Max. 16GB
Graphics	AMD Radeon™ HD 7660G GPU for R-464L /7520G GPU for R-272F	AMD Radeon™ HD 7600G GPU for R-452L /7500G GPU for R-260H	Intel® HD Graphics 4000	Intel® HD Graphics 4000	Intel® HD Graphics 4600/4400
Display	1x Hybrid-DVI (VGA/ DVI/ HDMI with audio) 1x Dual Link DVI-I	1x Hybrid-DVI (VGA/ DVI/ HDMI with audio) 1x Dual Link DVI-I	2x HDMI	1x DVI-I 1x HDMI	1x HDMI 2x DP
Ethernet	1x Realtek RTL8111E	1x Realtek RTL8111E	1x Intel® 82579LM 1x Intel® 82579V	1x Intel® 82579LM	1x Intel® WGI217LM 1x Realtek RTL8111G-CG
Expansion Slots	2x Mini PCI-E(x1) for Wi-Fi/ Bluetooth/ TV tuner/ 3G Wireless options	2x Mini PCI-E(x1) for Wi-Fi/ Bluetooth/ TV tuner/ 3G Wireless options	2x Mini PCI-E(x1) for Wi-Fi/ Bluetooth/ TV tuner/ 3G Wireless options	2x Mini PCI-E(x1) for Wi-Fi/ Bluetooth/ TV tuner/ 3G Wireless options 1x SIM card slot	1x mPCIe(x1) for WiFi + Bluetooth, 3G, GPS and TV tuner options 1x UIM/SIM card slot (for 3G/ LTE adaptor in mPCIe slot)
Video Capability	2x FHD	2x FHD	2x FHD	2x FHD	3x FHD 1x 4K video playback
iSMART	Yes	Yes	Yes	Yes	Yes
Fanless	Segregated flow ventilation	Yes	Segregated flow ventilation	-	Segregated flow ventilation
iAMT/DASH	-	-	iAMT	iAMT	iAMT
Certification	CE/FCC, UL & CCC	CE/FCC, UL & CCC	CE/FCC, UL & CCC	CE/FCC, UL & CCC	CE/FCC, UL & CCC
Storage	1x 2.5" HDD/SSD 1x mSATA	1x 2.5" HDD/SSD 1x mSATA	1x 2.5" HDD/SSD 1x mSATA	1x 2.5" HDD/SSD 1x mSATA	1x mSATA
USB	2x USB 3.0	2x USB 3.0	3x USB 3.0	2x USB 3.0	2x USB 3.0 2x USB 2.0
Dimensions	270mm(W) x 180mm(D) x 26.5mm(H)	270mm(W) x 181mm(D) x 35mm(H)	275mm(W) x 275mm(D) x 30mm(H)	178mm(W) x 150mm(D) x 35mm(H)	175mm(W) x 119.3mm(D) x 32.1mm(H)
Weight	1.7kg (3.75lbs)	1.7kg (3.75lbs)	3.1kg (6.83lbs)	1kg (2.20lbs)	1.2 Kg (2.65lbs)
Operating Temperature	0°C~ 45°C (32°F~113°F)	0°C~ 45°C (32°F~104°F)	0°C~ 45°C (32°F~113°F)	0°C~ 45°C (32°F~113°F)	0°C~ 45°C (32°F~113°F)
Power Supply	84W power adaptor	84W power adaptor	150W power adaptor	60W power adaptor	84W power adaptor

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Comparison Table

Mid-Range		High Performance & Multi-port Platform			
					
Models	SI-304	SI-58	SI-64	SI-606	SI-60E
CPU	2nd Gen. R-series QC RX-427BB 2.7/3.4G ; QC RX-425BB 2.5/3.4G ; DC RX-225BB 2.2/3.0G APU	2nd/3rd Generation Intel® Mobile Core™ i7/ i5/i3/ Celeron® QC/ DC processors	2nd/3rd Generation Intel® Desktop Core™ i7/ i5/i3/ Celeron® QC/ DC processors	Intel® 4th Generation Core™ i7 / i5 / i3 and Pentium® QC/ DC desktop processors, Up to 3.5GHz	Intel® 4th Generation Core™ i7 / i5 / i3 and Pentium® QC/ DC desktop processors, Up to 3.5GHz
Chipset	AMD A77E	Intel® QM67	Intel® Q77	Intel® Q87	Intel® Q87
Memory	2x DDR3-2133 SO-DIMM, Dual Channel, Max. 32GB	2x DDR3-1333 SO-DIMM Dual Channel, Max. 16GB	2x DDR3 1066/1333/1600 DIMM, Dual Channel, Max. 16GB	4x DDR3 1600 MHz DIMM, Dual Channel, Max. 32GB	4x DDR3 1600 MHz DIMM, Dual Channel, Max. 32GB
Graphics	AMD Radeon™ HD 9000 series GPU	AMD E6760 GPU (480 Cores @ 600 MHz) w/ 1024MB GDDR5-1600	AMD E6760 GPU (480 Cores @ 600 MHz) w/ 1024MB GDDR5-1600	AMD E8860 GPU with 128-bit wide, 2GB GDDR5, 72Gbps	AMD E8860 GPU with 128-bit wide, 2GB GDDR5, 72Gbps
Display	4x HDMI with 4096 x 2160 resolution per display & independent audio output	6x HDMI	1x Hybrid-DVI (VGA/ DVI/ HDMI with audio) 3x DVI-D	6x DP 1.2 with Independent audio output	12x HDMI with AMD Eyefinity function 1x DVI-I for console
Ethernet	1x RTL8111G Gigabit LAN 1x 8111EP-CG LAN controller	1x Intel® 82579LM 1x Intel® 82579V	1x Intel® 82579LM 1x Intel® 82579V	1x Intel® WG1218LM 1x Realtek RTL8111G-CG	1x Intel® WG1218LM 1x Realtek RTL8111G-CG
Expansion Slots	2x mPCIe(x1) for WiFi + Bluetooth, 3G, GPS and TV tuner options 1x UIM/SIM card slot (for 3G/ LTE adaptor in mPCIe slot)	2x Mini PCI-E(x1) slots for Wi-Fi/ Bluetooth/ TV tuner/ 3G Wireless options	2x Mini PCI-E(x1) slots for Wi-Fi/ Bluetooth/ TV tuner/ 3G Wireless options	2x Mini PCI-E(x1) slots for optional Wi-Fi/ Bluetooth/ TV tuner/ 3G Wireless	2x Mini PCI-E(x1) slots for optional Wi-Fi/ Bluetooth/ TV tuner/ 3G Wireless options
Video Capability	4x FHD 1x 4K video playback	6x FHD 1x 4K video playback	4x FHD 1x 4K video playback	6x FHD 1x 4K video playback	12x FHD 1x 4K video playback
iSMART	Yes	Yes	Yes	Yes	Yes
Fanless	Segregated flow ventilation	Segregated flow ventilation	-	-	-
iAMT/DASH	DASH	iAMT	iAMT	iAMT	iAMT
Certification	CE/FCC, UL & CCC	CE/FCC, UL & CCC	CE/FCC, UL & CCC	CE/FCC, UL & CCC	CE/FCC, UL & CCC
Storage	1x M.2 2280 SSD 1x mSATA	1x 2.5" HDD/SSD 1x mSATA	1x 2.5" HDD/SSD 1x mSATA	2x 2.5" HDD/SSD (supports RAID 1) 1x mSATA	2x 2.5" HDD/SSD (supports RAID 1) 1x mSATA
USB	1x USB 2.0 2x USB 3.0	3x USB 2.0	2x USB 3.0 2x USB 2.0	4x USB 3.0	4x USB 3.0
Dimensions	269mm(W) x 193mm(D) x 29.5mm(H)	275mm(W) x 275mm(D) x 30mm(H)	380mm(W) x 250mm(D) x 45mm(H)	412mm(W) x 310mm(D) x 47mm(H)	412mm(W) x 310mm(D) x 47mm(H)
Weight	2.1kg (4.63lbs)	3.1Kg (6.83lbs)	4.1kg (9.04lbs)	5.4Kg (11.9lbs)	5.4Kg (11.9lbs)
Operating Temperature	0°C~ 45°C (32°F~113°F)	0°C~ 45°C (32°F~113°F)	0°C~ 45°C (32°F~113°F)	0°C~ 45°C (32°F~113°F)	0°C~ 45°C (32°F~113°F)
Power Supply	84W power adaptor	150W power adaptor	Internal 250W PSU	Internal 250W PSU	Internal 250W PSU
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Comparison Table

Outdoor / In-Vehicle Signage

OPS Solution



Models	SI-12	SI-32-N	SE-92	iOPS-18	iOPS-76
CPU	Intel® Processor Atom E3845 SoC (22nm); Quad-Core @ 1.91GHz	Onboard AMD R-Series 32nm R-452L (1.6/2.4 GHz) APU	Intel® newest Core™ i7/i5/i3 ULT processors	AMD G-Series Dual-Core APU T56N @ 1.65GHz	2nd/3rd Gen. Intel® Mobile Core™ i7/i5/i3/ Celeron® QC/ DC (BGA) processors
Chipset	Integrated	AMD A70M	SoP (System-on-Package)	AMD A50M	Intel® QM77
Memory	2x DDR3L-1333 SO-DIMMs Dual Channel Max. 8GB (Non-ECC)	2x DDR3-1600 SO-DIMM Max. 8GB	2x DDR3L-1600 SO-DIMM Dual Channel Max. 16GB	DDR3-1333 SO-DIMM Max. 8GB	2x DDR3-1600 SO-DIMM Dual Channel Max. 16GB
Graphics	Intel® HD Graphics (Gen 7-LP) 4EU	AMD Radeon™ HD 7600G GPU	Intel® HD graphics engine	AMD Radeon™ HD6320 series graphics integrated in APU	Intel® HD Graphics 4600/4400
Display	2x HDMI	1x Hybrid DVI (VGA/ DVI/ HDMI with audio) 1x Dual link DVI-I	2x Hybrid-DVI (VGA/ DVI/ HDMI with audio)	1x OPS 1x VGA	1x OPS 1x DP
Ethernet	1x Realtek RTL8111G-CG	2x Realtek RTL8111G-CG PCI-E Gigabit LAN	1x Intel® 218LM PHY 1x Intel® 210IT PCIe	1x Realtek RTL8111C-VB-GR	1x Intel® 82579LM
Expansion Slots	1x Mini PCI-E(x1) for Wi-Fi/ Bluetooth/ TV tuner/ 3G Wireless options	2x Mini PCI-E(x1) slots for optional Wi-Fi/ Bluetooth/ TV tuner/ 3G Wireless	1x Mini PCI-E(x1) slot for Wi-Fi/ Bluetooth/ TV tuner/ 3G /LTE Wireless options 1x SIM card slot 2x M2(NGFF) slots for SSD devices/ Wi-Fi/ Bluetooth/ 3G/LTE/ TV tuner options	1x Mini PCI-E(x1) slot for Wi-Fi/ Bluetooth/ TV tuner/ 3G Wireless options	1x Mini PCI-E(x1) slot for Wi-Fi/ Bluetooth/ TV tuner/ 3G Wireless options
Video Capability	1x FHD 2x HD	2x FHD	2x FHD	1x FHD	2x FHD
iSMART	Yes	Yes	Yes or In-vehicle power management	-	-
Fanless	Yes	Yes	Yes	-	-
iAMT/DASH	-	-	iAMT	-	iAMT
Certification	CE/FCC, VCCI class B, UL & CCC	CE/FCC, UL, CCC & e24 Mark	CE/FCC, UL, CCC & e24 Mark	CE/FCC	CE/FCC
Storage	1x mSATA	1x 2.5" open frame SSD 1x mSATA	1x 2.5" HDD/SSD 1x mSATA 1x NGFF M key 22mm x 80mm (2280)	1x open frame SSD	1x mSATA
USB	2x USB 2.0 1x USB 3.0	3x USB 3.0	2x USB 2.0 2x USB 3.0	2x USB 2.0	2x USB 3.0
Dimensions	190mm(W) x 130mm(D) x 19.5mm(H)	218mm(W) x 140mm(D) x 35mm(H)	280mm(W) x 216mm(D) x 46mm(H)	200mm(W) x 119mm(D) x 30mm(H)	200mm(W) x 119mm(D) x 30mm(H)
Weight	0.8Kg (1.76lbs)	1.7Kg (3.75lbs)	3.7 Kg (8.16lbs)	0.9Kg (1.98lbs)	0.9Kg (1.98lbs)
Operating Temperature	-30°C~ 60°C (-22°F~140°F)	0°C~ 45°C (32°F~113°F)	-40°C~ 75°C (-40°F~167°F)	0°C~ 40°C (32°F~104°F)	0°C~ 45°C (32°F~113°F)
Power Supply	60W power adaptor	84W power adaptor	Option	-	-
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SA-112-N i.MX6 Dual/Quad Processor-based Fanless Signage Player with HDMI and VGA

Signature Book™



Features

- Support Freescale i.MX6 Dual/Quad Processor
- eMMC NAND Flash 8GB on board
- Onboard DDR3L, 1GB 533MHz, (1066MT/s)
- 1x VGA + 1x HDMI (w/o HDCP)
- 1x GbE RJ45 LAN, 1x COM (RS-232), 1x Min-USB (OTG), 2x USB, 1x SD Card Slot
- Support Wi-Fi 802.11 b/g/n
- 1x SIM Card Slot and 1x Mini PCI-E slot for 3G function (Option)
- 5V DC-in power input
- Wide Operating Temperature support from -40°C to 75°C
- Ruggedized, Fanless and Compact Design

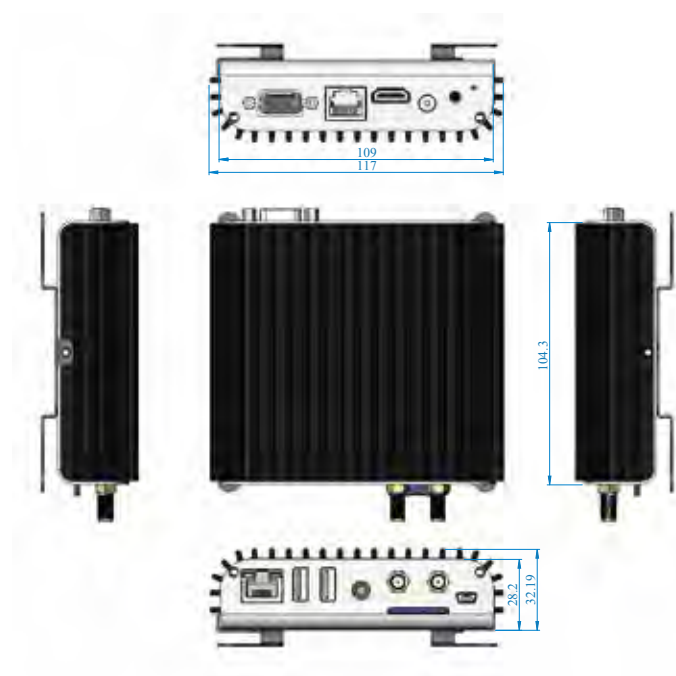
Specifications

System Mainboard	MBD112
CPU Type	Freescale IMX6Q Automotive 1GHz /IMX6DL Commercial 1GHz
Chipset	Integrated
Memory	Onboard DDR3L, 1GB 533MHz, (1066MT/s)
Graphics	i.MX53 + VP6 / WebM VP8, H.264 MVC
LAN	1x RJ45 (1000M)/AR8031-AL1B 1x WiFi function built-in
Expansion Slots	1x Mini PCI-E(x1) slot for optional 3G Wireless
I/O Interface	1x HDMI 1x VGA 2x USB 2.0 1x mini USB(OTG) (USB device & also supports host) 1x Power On/Off button 1x COM RS-232 1x 3.5mm JACK for Line out 1x RJ45 LAN 1x DC Power Jack
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2...255 (sec/min)
Power Requirement	+5V DC-in
Construction	Aluminum + SGCC
Weight	0.5kgs (1.1lbs)
Chassis Color	Black & white
Storage	1x eMMC (Default 8GB) 1x SD/SDHC card slot (up to 32GB)
Power Supply	Optional 25W power adaptor
Mounting	Standard system bracket
Dimensions	117mm(W) x 104.3mm(D) x 32.2mm(H) 4.61"(W) x 4.11"(D) x 1.27"(H)
Operating Temperature	-40°C~ 75°C (-40°F~167°F)
Storage Temperature	-50°C~85°C (-58°F~185°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	eMMC: 5 grms / 5~500Hz / random operation
Certification	CE, FCC, cULus & CCC

Ordering Information

SA-112-NDL	(DS), ARM-based signage player with CPU IMX6DL MCIMX6U5DVM10AB Commercial 1GHz, eMMC NAND Flash 8GB & DDR3L 1GB on board, 25W power adaptor, (RoHS).
SA-112-NQ	(DS), ARM-based signage player with CPU IMX6Q MCIMX6Q6AVT10AD Automotive 1GHz, eMMC NAND Flash 8GB & DDR3L 1GB on board, 25W power adaptor, (RoHS).

Dimensions





Features

- iSMART - for EuP/ErP power saving, autoscheduler and power resume
- Onboard Intel® Atom™ Processor D2550 (Low power consumption)
- Intel® GMA 3650 integrated graphics
- 1x DDR3 1066MHz SO-DIMM, Max. 4GB
- 2x Mini PCI-E(x1) slot expansion slot for mSATA, Wi-Fi, 3G or TV tuner options
- Fanless and compact design

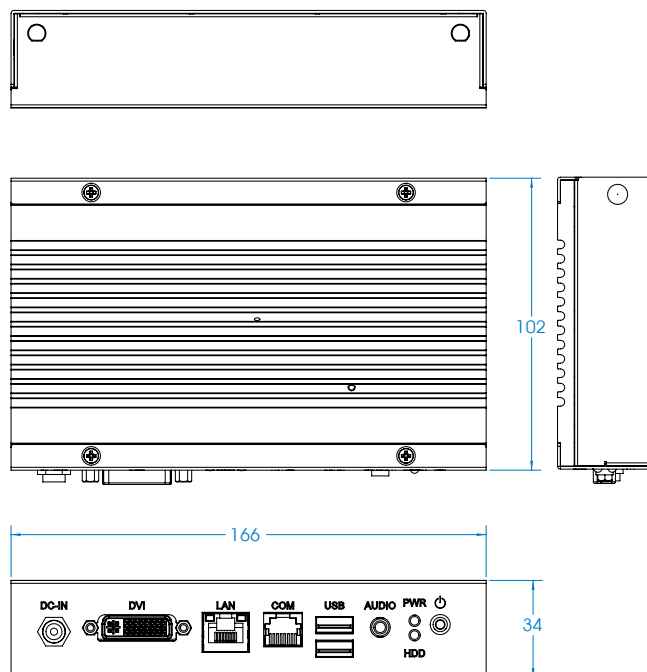
Specifications

System Mainboard	IB901
CPU Type	Intel® Atom™ Processor D2550
CPU Package	FCBGA559
Chipset	Intel® NM10
Memory	1x 204-pin SO-DIMM socket, supports DDR3 1066MHz with unbuffered and non-ECC memory module, Max. 4GB
Graphics	Intel® GMA 3650 integrated graphics engine
LAN	1x Realtek RTL8111E PCI-E Gigabit LAN controller
Expansion Slots	1x Mini PCI-E(x1) slot for mSATA, Wi-Fi, Bluetooth, 3G Wireless and TV tuner options
I/O Interface	2x USB 2.0 ports 1x RJ45 for Gigabit LAN 1x RJ45 for RS232 1x Hybrid-DVI (VGA/ DVI/ HDMI with audio) 1x Microjack audio connector for speaker Power LED / HDD LED, power on/off button 12V DC-in power connector
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2...255 (sec/min) On / Off scheduler: 2 time slots
Power Requirement	+12V DC-in
Construction	Aluminum + SGCC
Weight	1.26KG (2.77lbs)
Chassis Color	Black & white
Storage	1x 2.5" HDD drive bay 1x mSATA
Power Supply	40W power adaptor
Mounting	Slim design with wall mounting holes
Dimensions	166mm(W) x 102mm(D) x 34mm(H) 6.54"(W) x 4.02"(D) x 1.34"(H)
Operating Temperature	0°C ~ 45°C (32°F ~ 113°F)
Storage Temperature	-20°C ~ 80°C (-4°F ~ 176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	SSD: 5 grms / 5~500Hz / random operation HDD: 0.25 grms / 5~500Hz / random operation
Certification	CE, FCC, UL, CCC

Ordering Information

SI-06	Signage Player with 2GB RAM, 320GB HDD, 40W power adaptor
SI-06M	Signage Player without RAM, HDD, with 40W power adaptor
SI-MK1	Mounting bracket for SI-06/08/12/18/22 series

Dimensions





Features

- iSMART - for auto-scheduler and power resume
- AMD Embedded G-Series APU (Dual-Core)
- Integrated 80 Core DirectX 11 GPU in processor
- 1x Hybrid-DVI (supports CRT, DVI or HDMI)
- 1x DDR3 1333MHz SO-DIMM, Max. 4GB
- Mini PCI-E(x1) slot for Wi-Fi + Bluetooth option
- One RS232 serial port
- Fanless and compact design

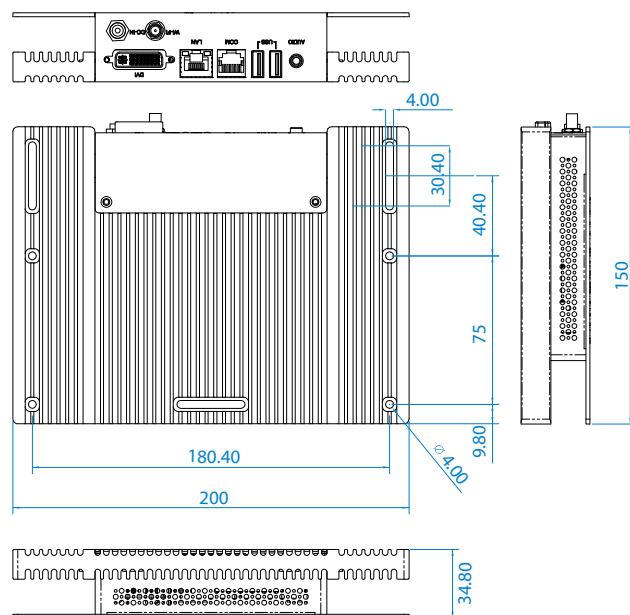
Specifications

System Mainboard	EB900-16C-SI
CPU Type	AMD G-Series Dual-Core APU (T56N=1.65GHz @ 18W TDP)
CPU Package	413-BGA
Chipset	AMD A50M
Memory	DDR3 1333MHz SO-DIMM memory, Max. 4GB
Graphics	AMD Radeon™ HD6320 series graphics processing system integrated in APU: DirectX 11, Direct Computer 11, Open GL 4.0, OpenCL 1.1, UVD3 Hardware Video Decoder – MPEG2, MPEG4, H.264, VC-1, WMV9, Hybrid-DVI connector supporting CRT, DVI, or HDMI devices
LAN	1x Realtek RTL8111C PCI-E Gigabit LAN controller
Expansion Slots	1x Mini PCI-E(x1) for Wi-Fi Bluetooth options
I/O Interface	1x Hybrid-DVI (VGA/ DVI/ HDMI with audio) 2x USB 2.0 ports 1x RJ45 for Gigabit LAN 1x RJ45 for RS232 serial port 1x Microjack audio connectors for Line-in or Line-out
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2...255 (sec/min) On / Off scheduler: 2 time slots
Power Requirement	+12V DC-in
Construction	Aluminum + SGCC
Weight	1.3Kg (2.86lbs)
Chassis Color	Black & white
Storage	1x 2.5" HDD drive bay
Power Supply	60W power adaptor
Mounting	Slim design with wall mounting holes
Dimensions	200mm(W) x 150mm(D) x 34.8mm(H) 7.87"(W) x 5.91"(D) x 1.37"(H)
Operating Temperature	0°C~ 40°C (32°F~104°F)
Storage Temperature	-20°C ~ 80°C (-4°F~176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	SSD: 5 grms / 5~500Hz / random operation HDD: 0.25 grms / 5~500Hz / random operation
Certification	CE, FCC, UL, CCC

Ordering Information

SI-08	Signage Player with AMD T56N APU 1.65GHz, 2GB RAM, 320GB HDD, 60W power adaptor
SI-08M	Signage Player with AMD T56N APU 1.65GHz, without RAM, HDD, with 60W power adaptor
SI-MK1	Mounting bracket for SI-06/08/12/18/22 series

Dimensions





Features

- iSMART - for auto-scheduler and power resume
- AMD Embedded G-Series APU (Dual-Core)
- Integrated 80 Core DirectX 11 GPU in processor
- 1x Hybrid-DVI (supports CRT, DVI or HDMI)
- 1x DDR3 1333MHz SO-DIMM, Max. 4GB
- Mini PCI-E(x1) slot for Wi-Fi + Bluetooth options
- One RS232 serial port
- Compact design

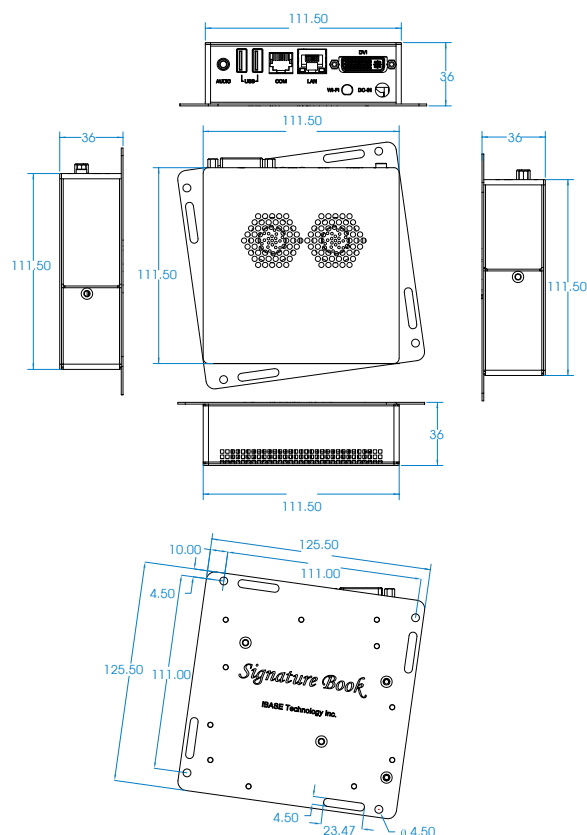
Specifications

System Mainboard	EB900-16C-SI
CPU Type	AMD G-Series Dual-Core APU (T56N=1.65GHz @ 18W TDP)
CPU Package	413-BGA
Chipset	AMD A50M
Memory	DDR3 1333MHz SO-DIMM memory, Max. 4GB
Graphics	AMD Radeon™ HD6320 series graphics integrated in APU • DirectX 11 • Direct Compute 11 • Open GL 4.0 • OpenCL 1.1 • UVD3 Hardware Video Decoder – MPEG2, MPEG4, H.264, VC-1, WMV9 • Hybrid-DVI connector supporting CRT, DVI, or HDMI
LAN	1x Realtek RTL8111C PCI-E Gigabit LAN controller
Expansion Slots	1x Mini PCI-E(x1) for Wi-Fi + Bluetooth options
I/O Interface	1x Hybrid-DVI (VGA/ DVI/ HDMI with audio) 2x USB 2.0 ports 1x RJ45 for Gigabit LAN 1x RJ45 for RS232 serial port 1x Microjack audio connectors for Line-in or Line-out
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2...255 (sec/min) On / Off scheduler: 2 time slots
Power Requirement	+12V DC-in
Construction	SGCC
Weight	0.8Kg (1.76lbs)
Chassis Color	Black & white
Storage	1x 2.5" HDD drive bay
Power Supply	60W power adaptor
Mounting	Slim design with wall mounting holes
Dimensions	125mm(W) x 125mm(D) x 36mm(H) 4.92"(W) x 4.92"(D) x 1.42"(H)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-20°C ~ 80°C (-4°F ~ 176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	SSD: 5 grms / 5~500Hz / random operation HDD: 0.25 grms / 5~500Hz / random operation
Certification	CE, FCC, UL, CCC

Ordering Information

SI-18	Signage player with AMD T56N APU 1.65GHz, 2GB RAM, 320GB HDD, 60W power adaptor
SI-18M	Signage player with AMD T56N APU 1.65GHz, without RAM, HDD, with 60W power adaptor
SI-MK1	Mounting bracket for SI-06/08/12/18/22 series

Dimensions





Features

- iSMART - for EuP/ErP power saving, auto-scheduler and power resume
- AMD Embedded G-Series SoC (Max. Quad-Core @ 1.5GHz)
- Integrated 80 Core DirectX 11.1 GPU in processor
- Supports DASH function for remote control
- Supports 2x HDMI 1.4a
- 1x DDR3-1600 SO-DIMM, single channel, Max. 8GB
- 1x Mini PCI-E(x1) slots for WiFi + Bluetooth, 3G, and TV tuner board options
- Fanless, super slim and compact design

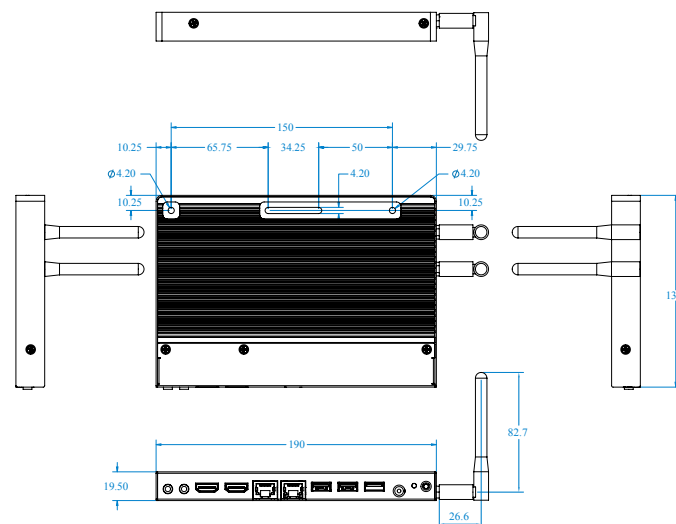
Specifications

System Mainboard	IB922
CPU Type	AMD G-Series; Quad-Core @ 1.5GHz APU
CPU Socket	FT3 BGA package
Chipset	SoC Integrated
Memory	1x DDR3 1600 MHz SO-DIMM, Max. 8GB (Non-ECC)
Graphics	AMD Radeon™ HD8330E graphics integrated in APU • DirectX 11.1 • Direct Compute 11 • Open GL 4.0 • OpenCL 1.1 • UVD4.2 Hardware Video Decoder –H.264, MPEG-2, VC-1, MPEG4 (DivX), and WMV • VCE 2.0 –Video conferencing, wireless display, H.264, SVC
LAN	1x GbE (Realtek RTL 8111DP)
Expansion Slots	1x mPCIe(x1) for WiFi + Bluetooth, 3G, and TV tuner options 1x UIM/SIM card slot (for 3G/LTE adaptor in mPCIe slot)
I/O Interface	2x HDMI 1.4a 2x USB 3.0 ports, 1x USB 2.0 port 1x RJ45 for LAN, 1x RJ45 for RS232 2x Microjack audio connectors for Line-in / Line-out Power LED, 1x power on/off button 1x DC jack
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2...255 (sec/min)
Power Requirement	+12V DC-in
Construction	Aluminum + SGCC
Weight	0.9Kg (1.98lbs)
Chassis Color	Black & white
Storage	1x mSATA
Power Supply	60W power adaptor
Mounting	Standard system bracket
Dimensions	190mm(W) x 130mm(D) x 19.5mm(H) 7.48"(W) x 5.12"(D) x 0.77"(H)
Operating Temperature	0°C~ 45°C (32°F~113°F)
Storage Temperature	-20°C ~ 80°C (-4°F~176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	mSATA: 5 grms / 5~500Hz / random operation
Certification	CE, FCC class B, VCCI class B, UL and CCC

Ordering Information

SI-22-415	Signage Player with G-Series Quad-Core @ 1.5 GHz APU, 4GB DDR3 SO-DIMM, 64GB mSATA, 60W power adaptor
SI-22-415M	Signage Player with G-Series Quad-Core @ 1.5 GHz APU, 60W power adaptor (w/o memory & mSATA)
SI-MK1	Mounting bracket for SI-06/08/12/18/22 series

Dimensions





Features

- iSMART - for EuP/ErP power saving, auto-scheduler and power resume
- AMD Embedded G-Series SoC (Max. Quad-Core @ 2.4GHz)
- Integrated 80 Core DirectX 11.1 GPU in processor
- Supports DASH function for remote control
- Supports 2x HDMI 1.4a
- 1x DDR3-1866 SO-DIMM, Single Channel, Max. 8GB
- 1x Mini PCI-E(x1) slots for WiFi + Bluetooth, 3G, and TV tuner board options
- Fanless, super slim and compact design

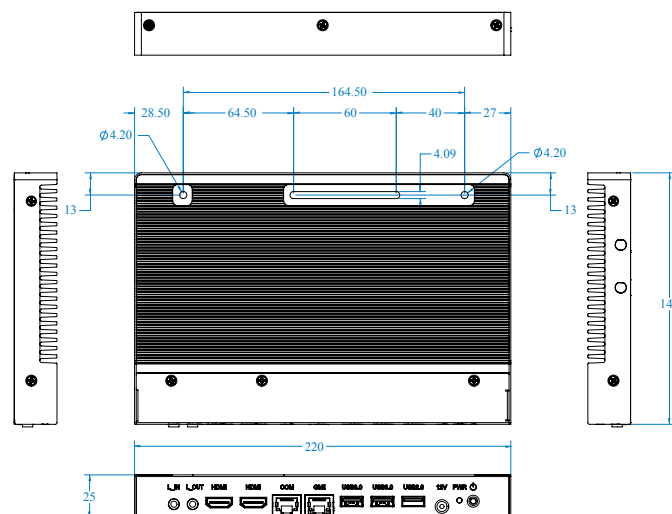
Specifications

System Mainboard	IB923-424
CPU Type	AMD G-Series; Quad-Core @ 2.4GHz APU
CPU Socket	FT3b BGA package
Chipset	SoC Integrated
Memory	1x DDR3 1866 MHz SO-DIMM, Max. 8GB (Non-ECC)
Graphics	AMD Radeon™ HD 8KE series graphics integrated in APU • DirectX 11.1 • Direct Compute 11 • Open GL 4.0 • OpenCL 1.1 • UVD4.2 Hardware Video Decoder –H.264, MPEG-2, VC-1, MPEG4 (DivX), and WMV • VCE 2.0 –Video conferencing, wireless display, H.264, SVC
LAN	1x GbE (Realtek RTL 8111DP)
Expansion Slots	1x mPCIe(x1) for WiFi + Bluetooth, 3G, and TV tuner options 1x UIM/SIM card slot (for 3G/LTE adaptor in mPCIe slot)
I/O Interface	2x HDMI 1.4a 2x USB 3.0 ports, 1x USB 2.0 port 1x RJ45 for LAN, 1x RJ45 for RS232 2x Microjack audio connectors for Line-in / Line-out Power LED, 1x power on/off button 1x DC jack
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2...255 (sec/min)
Power Requirement	+12V DC-in
Construction	Aluminum + SGCC
Weight	1.4Kg (3.09lbs)
Chassis Color	Black & white
Storage	1x mSATA
Power Supply	60W power adaptor
Mounting	Standard system bracket
Dimensions	220mm(W) x 147mm(D) x 25mm(H) 8.66"(W) x 5.79"(D) x 0.98"(H)
Operating Temperature	0°C~ 45°C (32°F~113°F)
Storage Temperature	-20°C ~ 80°C (-4°F~176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	mSATA: 5 grms / 5~500Hz / random operation
Certification	CE/FCC, VCCI class B, UL & CCC

Ordering Information

SI-102-424	Signage Player with G-Series Quad-Core @ 2.4GHz APU, 4G DDR3-1866 SO-DIMM, 64GB mSATA, 60W power adaptor
SI-102-424M	Signage Player with G-Series Quad-Core @ 2.4GHz APU, 60W power adaptor (w/o memory & mSATA)
SI-MK1	Mounting bracket for SI-06/08/12/18/22/102 series

Dimensions





Specifications

System Mainboard	IB938
CPU Type	AMD R-Series 32nm Quad-Core/Dual-Core APU* *The maximum TDP supported is 35W
CPU Package	PGA-722 package (35 x 35 mm)
Chipset	AMD A70M
Memory	2x DDR3 1600MHz SO-DIMM memory, Max. 8GB
Graphics	AMD Radeon™ HD 7660G/7520G GPU for Quad-Core R-464L/Dual-Core R-272F 2x Hybrid DVI-I supports: OpenCL™ 1.1, DirectCompute 11, DirectX® 11 UVD3 Hardware Video Decoder – MPEG-2, MPEG-4, H.264, VC-1, WMV
LAN	1x RTL8111E Gigabit LAN controller
Expansion Slots	1x mSATA / mPCIe(x1) Full size 1x mPCIe(x1) Half size For Wi-Fi, Bluetooth, 3G or TV tuner options
I/O Interface	1x Hybrid-DVI (VGA/ DVI/ HDMI with audio) 1x Dual-link DVI-I 2x USB 3.0 ports 1x RJ45 for LAN 1x RJ45 for RS232 2x Microjack audio connectors for Line-in / Line-out Power LED / HDD LED, power on/off button
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2...255 (sec/min) On / Off scheduler: 2 time slots
Power Requirement	+12V DC-in
Construction	Aluminum + SGCC
Weight	1.7kg (3.75lbs)
Chassis Color	Black & white
Storage	1x removable 2.5" HDD/SSD drive bay, 1x mSATA
Power Supply	84W power adaptor
Mounting	Slim design with wall mounting holes
Dimensions	270mm(W) x 181mm(D) x 26.5mm(H) 10.63"(W) x 7.13"(D) x 1.04"(H)
Operating Temperature	0°C~ 45°C (32°F~113°F)
Storage Temperature	-20°C ~ 80°C (-4°F~176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	SSD: 5 grms / 5~500Hz / random operation HDD: 0.25 grms / 5~500Hz / random operation
Certification	CE, FCC, UL, CCC

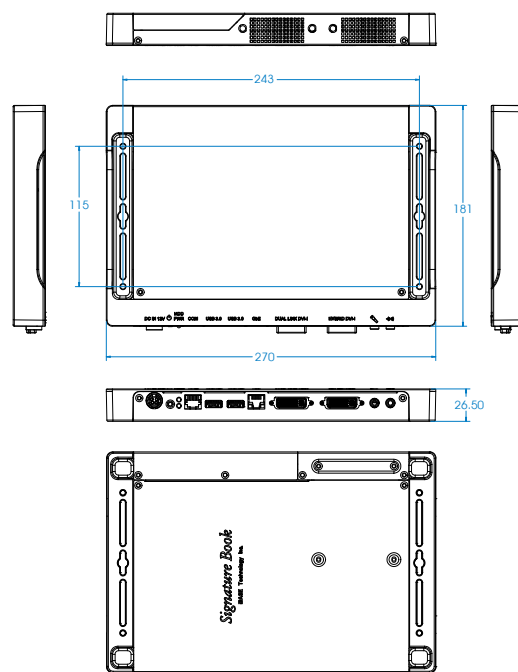
Features

- iSMART - for EuP/ErP power saving, auto-scheduler and power resume
- Dual independent 1080p playback
- AMD R-Series Quad-Core R-464L/Dual-Core R-272F APU, up to 35W
- AMD Radeon™ HD 7660G/7520G GPU
- 2x DDR3 1600MHz SO-DIMM, Max. 8GB
- Dual Mini PCI-E(x1) slots for Wi-Fi, Bluetooth, 3G or TV tuner options
- Segregated flow ventilation design

Ordering Information

SI-38-QC	Signage Player with AMD R464L Quad-Core (2.3GHz) CPU, 4GB DDR3 SO-DIMM, 2.5" 320GB SATA HDD, 84W power adaptor
SI-38-DC	Signage Player with AMD R272F Dual-Core (2.7GHz) CPU, 4GB DDR3 SO-DIMM, 2.5" 320GB SATA HDD, 84W power adaptor
SI-38M	Signage Player without CPU, RAM, HDD, with 80W adaptor
SI-MK3	Mounting bracket for SI-32-N/38/62/83 series

Dimensions





Features

- iSMART - for EuP/ErP power saving, auto-scheduler and power resume
- Dual independent 1080p playback
- AMD R-Series Quad-Core R-452L/Dual-Core R-260H APU, up to 19W
- 2x DDR3 1600MHz SO-DIMM, Max. 8GB
- AMD Radeon™ HD 7600G/7500G GPU
- Dual Mini PCI-E(x1) slots for Wi-Fi, Bluetooth, 3G or TV tuner options
- Compact and fanless design

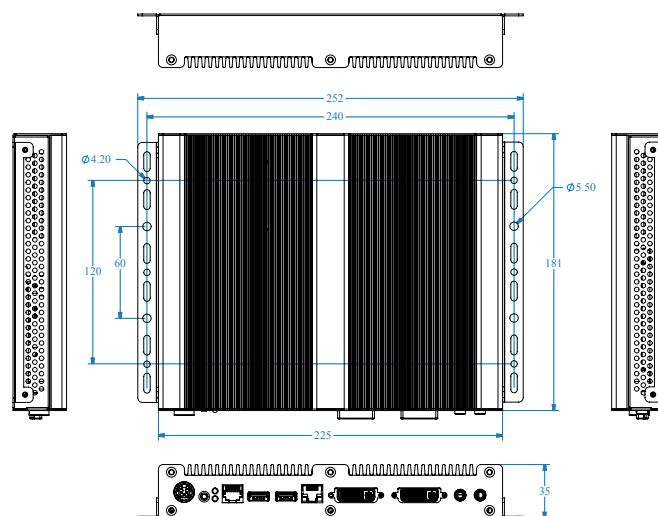
Specifications

System Mainboard	IB937
CPU Type	AMD R-Series 32nm QC/DC APU *The maximum TDP supported is 19W*
CPU Package	827-BGA (837mm*2)
Chipset	AMD A70M
Memory	2x DDR3 1600MHz SO-DIMM memory, Max. 8GB
Graphics	AMD Radeon™ HD 7600G/7500G GPU for Quad-Core R-452L/Dual-Core R-260H 2x Hybrid DVI-I supports: OpenCL™ 1.1 DirectCompute 11, DirectX® 11 UVD3 Hardware Video Decoder, MPEG-2, MPEG-4, H.264, VC-1, WMV
LAN	1x RTL8111E Gigabit LAN controller
Expansion Slots	1x mSATA/mPCIe(x1) Full size 1x mPCIe(x1) Half size For Wi-Fi, Bluetooth, 3G or TV tuner options
I/O Interface	1x Hybrid-DVI (VGA/ DVI/ HDMI with audio) 1x Dual-link DVI-I 2x USB 3.0 ports 1x RJ45 for LAN 1x RJ45 for RS232 2x Microjack audio connectors for Line-in / Line-out Power LED / HDD LED, power on/off button
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2...255 (sec/min) On / Off scheduler: 2 time slots
Power Requirement	+12V DC-in
Construction	Aluminum + SGCC
Weight	1.7kg (3.75lbs)
Chassis Color	Black & white
Storage	1x external removable 2.5" HDD/SSD drive bay 1x mSATA
Power Supply	84W power adaptor
Mounting	Slim design with wall mounting holes
Dimensions	252mm(W) x 181mm(D) x 35mm(H) 9.92"(W) x 7.13"(D) x 1.38"(H)
Operating Temperature	0°C~ 45°C (32°F~113°F)
Storage Temperature	-20°C ~ 80°C (-4°F~176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	SSD: 5 grms / 5~500Hz / random operation HDD: 0.25 grms / 5~500Hz / random operation
Certification	CE, FCC, UL, CCC

Ordering Information

SI-38N-45	Signage Player with AMD R452L Quad-Core (1.6/2.4GHz) CPU, 4GB DDR3 SO-DIMM, 2.5" 320GB SATA HDD, 84W power adaptor
SI-38N-26	Signage Player with AMD R260H Dual-Core (2.1/2.6GHz) CPU, 4GB DDR3 SO-DIMM, 2.5" 320GB SATA HDD, 84W power adaptor
SI-38N-45M	Signage Player with AMD R452L Quad-Core (1.6/2.4GHz) CPU, without RAM, HDD, with 84W adaptor
SI-38N-26M	Signage Player with AMD R260H Dual-Core (2.1/2.6GHz) CPU, without RAM, HDD, with 84W adaptor
SI-MK3	Mounting bracket for SI-32-N/38/62/83 series

Dimensions





Features

- iSMART - for auto-scheduler and power resume
- Supports 2nd/3rd Generation Intel® Core™ i7/i5/i3 Mobile Processors
- Intel® HD Graphics Engine
- iAMT Compliance for remote management
- 2x DDR3 1600MHz SO-DIMM, Max. 16GB
- Expresscard slot and dual mPCIe(x1) slots
- Two RS232 serial ports
- Slim and segregated flow ventilation design

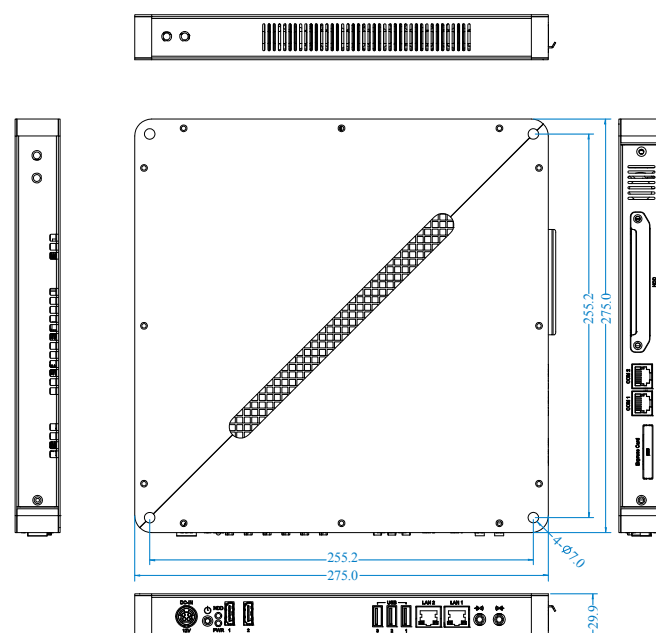
Specifications

System Mainboard	IB958-56
CPU Type	2nd/3rd Generation Intel® Core™ i7/i5/i3 Mobile Processors
CPU Package	FCPGA988
Chipset	Intel® QM67
Memory	2x DDR3 1600MHz SO-DIMM memory, Max. 16GB
Graphics	Intel® HD graphics engine DirectX® 10.1, Shader 4.1 OpenGL 3.0 capable Intel® Clear Video HD Technology support: HD acceleration / H.264, MPEG2, VC1 Decode
LAN	1x Intel® 82579LM Gigabit LAN controller (with iAMT 7.0) 1x Intel® 82579V Gigabit LAN controller
Expansion Slots	2x Mini PCI-E(x1) for Wi-Fi, Bluetooth, TV tuner options 1x Expresscard slot for 3G module
I/O Interface	2x HDMI ports (2 with audio output) 3x USB 2.0 ports 2x RJ45 for Gigabit LAN 2x RJ45 for RS232 serial ports 2x Microjack audio connectors for Line-in & Line-out 1x Power button 1x Mini Din 12V DC jack
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2...255 (sec/min) On / Off scheduler: 2 time slots
Power Requirement	+12V DC-in
Construction	SGCC
Weight	3.1Kg (6.83lbs)
Chassis Color	Black & white
Storage	1x removable 2.5" HDD drive bay 1x mSATA
Power Supply	150W power adaptor
Mounting	Slim design with wall mounting holes
Dimensions	275mm(W) x 275mm(D) x 30mm(H) 10.83"(W) x 10.83"(D) x 1.18"(H)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-20°C ~ 80°C (-4°F ~ 176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	CFD: 5 grms / 5~500Hz / random operation HDD: 0.25 grms / 5~500Hz / random operation
Certification	CE, FCC, UL, CCC

Ordering Information

SI-56-2510	Signage Player with 2nd Generation Intel® Core™ i5 2510E, 2.5GHz, 4GB RAM, 320GB HDD & 150W power adaptor
SI-56M	Signage Player without CPU/RAM/HDD, with 150W power adaptor
SI-MK5	Mounting bracket for SI-56/58 series

Dimensions





Features

- iSMART - for Auto-scheduler and power resume
- Supports 2nd/3rd Generation Intel® Core™ i7/i5/i3/ Celeron® QC/DC Processors
- 2x DDR3 SO-DIMM, Max. 16GB
- Intel® HD Graphics Engine
- iAMT compliance for remote management
- 2x USB 3.0 ports
- 2x Mini PCI-E(x1) slot for WiFi, 3G and TV tuner options
- Compact design

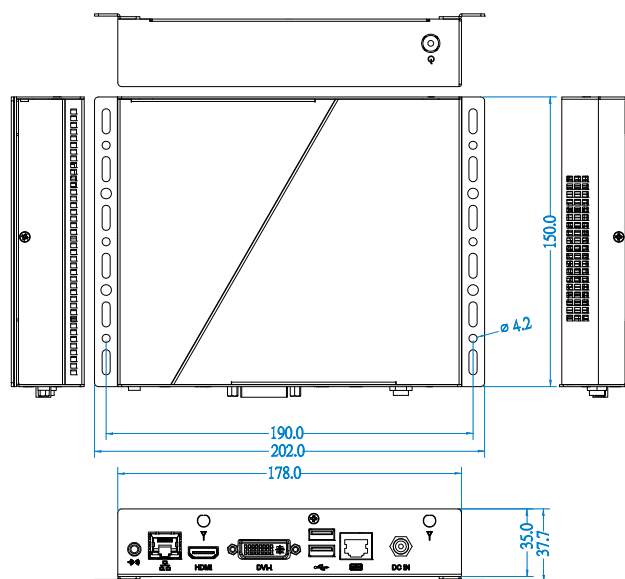
Specifications

System Mainboard	IB902A
CPU Type	2nd/3rd Generation Intel® Mobile Core™ i7/i5/i3/ Celeron® QC/ DC processors (TDP <= 35W)
CPU Socket	rPGA988B
Chipset	Intel® QM77
Memory	2x DDR3 1066/1333/1600 MHz SO-DIMM, Max. 16GB (Non-ECC)
Graphics	Intel® HD graphics supports: OpenGL 3.0 DirectX® 11 OpenCL 1.1 MFX Hardware Video Decoder – MPEG-2, AVC, VC-1, JPEG
LAN	1x Intel® 82579LM Gigabit LAN controller w/ iAMT 9.0
Expansion Slots	Mini PCI-E(x1) for Wi-Fi + Bluetooth and 3G and TV tuner options, 1x Expresscard slot for 3G module
I/O Interface	1x HDMI, 1x DVI-I 1x Microjack audio connectors for Line-out 1x Gigabit LAN 2x USB 3.0, 1x RS-232 (RJ45 connector) 1x Power button with LED light 1x DC jack
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2...255 (sec/min)
Power Requirement	+12V DC-in
Construction	SGCC
Weight	1 kg (2.20lbs)
Chassis Color	Black & white
Storage	1x mSATA 1x SATA 3.0 2.5" HDD Dock
Power Supply	60W power adaptor
Mounting	Standard system bracket
Dimensions	178mm(W) x 150mm(D) x 35mm(H) 7.01"(W) x 5.91"(D) x 1.38"(H)
Operating Temperature	0°C ~ 45°C (32°F ~ 113°F)
Storage Temperature	-20°C ~ 80°C (-4°F ~ 176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	mSATA: 5 grms / 5~500Hz / random operation
Certification	CE, FCC, UL, CCC

Ordering Information

SI-62	Signage Player with Intel® Core™ i5-3610ME processor (3M Cache, up to 3.30 GHz) 4 GB DDR3 SO-DIMM Memory, 2.5" 320GB SATA HDD, 60W power adaptor
SI-62M	Signage Player without CPU, RAM, HDD, with 60W adaptor
SI-MK3	Mounting bracket for SI-32-N/38/62/83 series

Dimensions





Specifications

System Mainboard	IB983
CPU Type	4th Generation Intel® Core™ i7-4700EQ 2.4GHz 4th Generation Intel® Core™ i5-4400E 2.7GHz
CPU Socket	FCBGA1364 package
Chipset	Intel® QM87
Memory	2x DDR3L-1600 MHz SO-DIMM, Max. 16GB (Non-ECC)
Graphics	Intel® HD 4600 / 4400 DX11.1, OpenCL 1.2, OpenGL 4.0 Supports 2x mini DP v1.3, & 1x HDMI 1.4a MVC HW Encode/Decode, Faster AVC Encode Full HW MPEG 2 Encode, JPEG/MJPEG HW Decode Gamut Mapping, Frame Rate Conversion
LAN	1x GbE with Intel® WGI217LM 1x GbE with Realtek RTL8111G-CG
Expansion Slots	1x mPCIe(x1) for WiFi + Bluetooth, 3G, GPS and TV tuner options 1x UIM/SIM card slot (for 3G/LTE adaptor in mPCIe slot)
I/O Interface	1x HDMI 2x DP 2x USB 3.0 ports, 2x USB 2.0 port 2x RJ45 for GbE LAN, 1x RJ45 for RS232 1x Microjack audio connectors for Audio/Mic 1x Power on/off button 1x Reset button 1x DC jack
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2...255 (sec/min)
Power Requirement	+12V DC-in
Construction	Aluminum + SGCC
Weight	1.2Kg (2.65lbs)
Chassis Color	Black & white
Storage	1x mSATA
Power Supply	84W power adaptor
Mounting	Standard system bracket
Dimensions	175mm(W) x 119.3mm(D) x 32.1mm(H) 6.89"(W) x 4.70"(D) x 1.26"(H)
Operating Temperature	0°C ~ 45°C (32°F ~ 113°F)
Storage Temperature	-20°C ~ 80°C (-4°F ~ 176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	mSATA: 5 grms / 5~500Hz / random operation
Certification	CE, FCC, UL, CCC

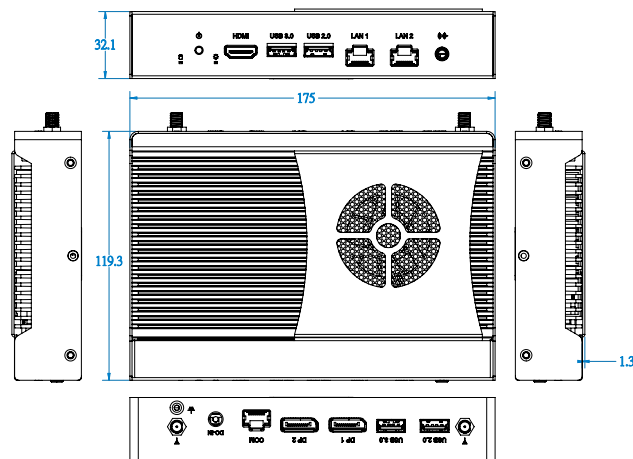
Features

- iSMART- for Auto - scheduler and power resume
- iAMT (9.0), vPro and Watchdog timer
- Supports 4th Generation Intel® Core™ processors
- Integrated Intel® HD 4600 / 4400
- Supported APIs: DX11.1, OpenCL 1.2, OpenGL 4.0
- 2x DP 1.2, 1x HDMI 1.4a
- 2x DDR3L-1600 SO-DIMM, dual channel, Max.16GB
- 1x Mini PCI-E(x1) slot for WiFi + Bluetooth, 3G, and TV tuner options
- Slim and segregated ventilation design

Ordering Information

SI-83-i7	Book-Size Signage Player with IB983 Intel® Core™ i7-4700EQ (2.4GHz~3.4GHz), 2x 2GB DDR3L SO-DIMM memory, 64GB mSATA, 84W power adaptor.
SI-83-i5	Book-Size Signage Player with IB983 Intel® Core™ i5-4400E (2.7GHz~3.3 GHz), 2x 2GB DDR3L SO-DIMM memory, 64GB mSATA, 84W power adaptor.
SI-83-i5-2 (Temp)	Book-Size Signage Player with IB983 Intel® Core™ i5-4200H (2.8GHz~3.4GHz) w/o iAMT support), 2x 2GB DDR3L SO-DIMM memory, 64GB mSATA, 84W power adaptor.
SI-83-i7-M	Book-Size Signage Player with IB983 Intel® Core™ i7-4700EQ (2.4GHz~3.4GHz), with 84W power adaptor, w/o memory, mSATA.
SI-83-i5-M	Book-Size Signage Player with IB983 Intel® Core™ i5-4400E (2.7GHz~3.3GHz), with 84W power adaptor, w/o memory, mSATA
SI-83-i5-2M (Temp)	Book-Size Signage Player with IB983 Intel® Core™ i5-4200H (2.8GHz~3.4GHz) w/o iAMT support), with 84W power adaptor, w/o memory, mSATA

Dimensions





Features

- iSMART - for EuP/ErP power saving, auto-scheduler and power resume
- 2nd Generation AMD Embedded R-series APU (Codename: "Bald Eagle"), up to 35W
- AMD Radeon™ HD 9000 series GPU
- 4x HDMI with 4096 x 2160 resolution per display output
- 2x DDR3-2133 SO-DIMM, dual channel, Max. 32GB
- Dual Mini PCI-E(x1) slots for Wi-Fi, Bluetooth, 3G/LTE or TV tuner options
- Segregated flow ventilation design

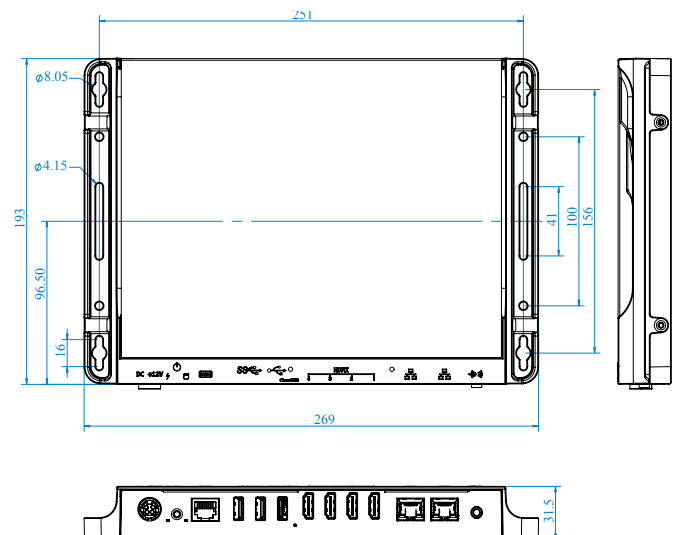
Specifications

System Mainboard	MBD304
CPU Type	2nd Gen. R-series QC RX-427BB 2.7/3.4G ; QC RX-425BB 2.5/3.4G ; DC RX-225BB 2.2/3.0G APU
CPU Socket	FP3 BGA package, 32x29mm
Chipset	AMD A77E
Memory	2x DDR3 2133 SO-DIMM, dual channel, Max. 32GB
Graphics	Radeon™ HD 9000 series GPU
LAN	1x RTL8111G Gigabit LAN controller 1x 8111EP-CG LAN controller
Expansion Slots	2x mPCIe(x1) for WiFi + Bluetooth, 3G, GPS and TV tuner options 1x UIM/SIM card slot (for 3G/LTE adaptor in mPCIe slot)
I/O Interface	4x HDMI 2x USB 3.0 ports 1x USB 2.0 port 2x RJ45 for LAN 1x RJ45 for RS232 1x Microjack audio connector for Line-in Power LED / HDD LED, power on/off button 1x DC power jack
Watchdog Timer	256 segments, 0, 1, 2...255 (sec/min)
Power Requirement	+12V DC-in
Weight	2.1kg(4.63lbs)
Construction	Aluminum + SGCC
Chassis Color	Black & white
Storage	1x mSATA 1x NGFF B key 22 x 80mm(2280)
Power Supply	84W power adaptor
Mounting	Slim design with wall mounting holes
Dimensions	269mm(W) x 193mm(D) x 29.5mm(H) 10.59"(W) x 7.6"(D) x 1.16"(H)
Operating Temperature	0°C ~ 45°C (32°F ~ 113°F)
Storage Temperature	-20° ~ 80°C (-4°F ~ 176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	SSD: 5 grms / 5~500Hz / random operation HDD: 0.25 grms / 5~500Hz / random operation
Certification	CE, FCC, UL, CCC

Ordering Information

SI-304-427	Signage Player with MBD304 w/ AMD 4 Cores RX-427BB 2.7GHz/3.4 GHz APU, 2x 4GB DDR3 SO-DIMM 2133, M.2 64GB, 84W power adaptor (RoHS)
SI-304-427M	Signage Player with MBD304 w/ AMD 4 Cores RX-427BB 2.7GHz/3.4 GHz APU, 84W power adaptor, (RoHS), w/o memory & Storage
SI-304-425	Signage Player with MBD304 w/ AMD 4 Cores RX-425BB 2.5/3.4 GHz APU, 2x 4GB DDR3 SO-DIMM 1866, M.2 64GB, 84W power adaptor (RoHS)
SI-304-425M	Signage Player with MBD304 w/ AMD 4 Cores RX-425BB 2.5/3.4 GHz APU, 84W power adaptor, (RoHS), w/o memory & Storage
SI-304-225	Signage Player with MBD304 w/ AMD 2 Cores RX-225FB 2.2GHz/3.0GHz APU, 2x 4GB DDR3 SO-DIMM 1600, M.2 64GB, 84W power adaptor, (RoHS)
SI-304-225M	Signage Player with MBD304 w/ AMD 2 Cores RX-225FB 2.2GHz/3.0GHz APU, 84W power adaptor, (RoHS), w/o memory & storage

Dimensions





Features

- iSMART - for auto-scheduler and power resume
- Supports up to six display outputs
- Discrete AMD Radeon™ E6760 graphics processors (480 processing elements) with 1024MB GDDR5-1600 graphics memory
- Supports 2nd/3rd Generation Intel® Core™ i processor
- Supports 2x DDR3 1333MHz SO-DIMM, Max. 16GB
- Expresscard slot and dual mPCIe(x1) slots
- Two RS232 serial ports
- Slim and segregated flow ventilation design

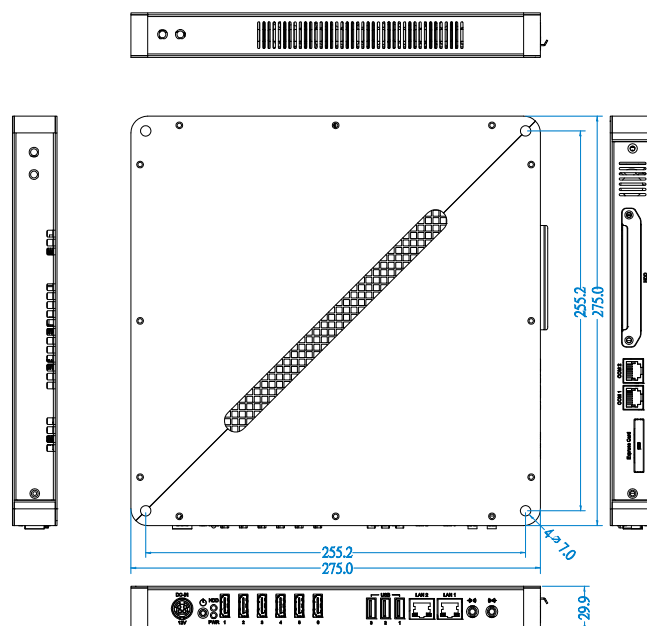
Specifications

System Mainboard	IB958-58
CPU Type	2nd/3rd Generation Intel® Core™ i7/i5/i3 Mobile Processors
CPU Package	FCPGA988
Chipset	Intel® QM67
Memory	Supports 2x DDR3 1333MHz SO-DIMM memory, Max. 16GB
Graphics	• AMD Radeon™ E6760 GPU (480 Cores @ 600 MHz; 31W) with 1024MB GDDR5-1600 (57.6 GB/s) • 128-bit wide, 1.DirectX®11 GB GDDR5, 51.2 GB/s • DirectX®11, Shader 5.0, OpenGL 4.1 capable • UVD3 video & display engines for HD, Blu-ray & 3D
LAN	1x Intel® 82579LM Gigabit LAN controller (with iAMT 7.0) 1x Intel® 82579V Gigabit LAN controller
Expansion Slots	2x Mini PCI-E(x1) for Wi-Fi, Bluetooth, TV tuner options 1x Expresscard slot for 3G module
I/O Interface	6x HDMI ports (2 with audio output) 3x USB 2.0 ports 2x RJ45 for Gigabit LAN 2x RJ45 for RS232 serial ports 2x Microjack audio connectors for Line-in & Line-out 1x Power button 1x Mini Din 12V DC Jack
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2...255 (sec/min) On / Off scheduler: 2 time slots
Power Requirement	+12V DC-in
Construction	SGCC
Weight	3.1Kg (6.83lbs)
Chassis Color	Black & white
Storage	1x removable 2.5" HDD drive bay 1x mSATA
Power Supply	150W power adaptor
Mounting	Slim design with wall mounting holes
Dimensions	275mm(W) x 275mm(D) x 30mm(H) 10.83"(W) x 10.83"(D) x 1.18"(H)
Operating Temperature	0°C~ 40°C (32°F~104°F)
Storage Temperature	-20°C ~ 80°C (-4°F~176°F)
Relative Humidity	10~90% @ 45°C, (non-condensing)
Vibration	SSD: 5 grms / 5~500Hz / random operation HDD: 0.25 grms / 5~500Hz / random operation
Certification	CE, FCC, CCC, UL

Ordering Information

SI-58-2510	Signage Player w/ 2nd Generation Intel® Core™ i5 2510E 2.5GHz, w/ AMD E6760 GPU, 4GB RAM, 320GB HDD, 150W power adaptor
SI-58M	Signage Player w/ AMD E6760 & 150W power adaptor, w/o CPU/RAM/HDD
SI-MK5	Mounting bracket for SI-56/58 series

Dimensions





Features

- iSMART - for auto-scheduler and power resume
- Supports up to four display outputs
- Discrete AMD Radeon™ E6760 graphics processors (480 processing elements) with 1024MB GDDR5-1600 graphics memory
- Supports 3rd Generation Intel® Core™ i7/i5/i3, Pentium QC/DC desktop processors
- 2x DDR3 1600MHz SO-DIMM, Max. 16GB
- 2x Mini PCI-E(x1) slots for WiFi, 3G and TV tuner options
- Two RS232 serial ports

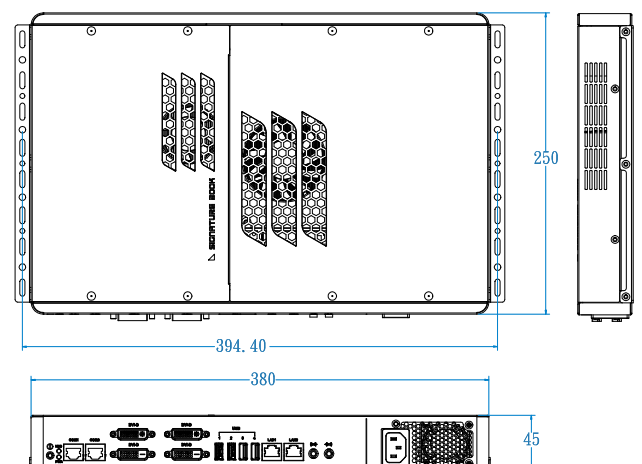
Specifications

System Mainboard	IB964
CPU Type	3rd Generation Intel® Core™ i7/i5/i3, Pentium QC/DC Desktop Processors *The maximum TDP supported 77W
CPU Socket	LGA1155
Chipset	Intel® Q77
Memory	2x DDR3 1600MHz DIMM, Max. 16GB (Non-ECC)
Graphics	AMD E6760 GPU (480 Cores @ 600 MHz; 31W) with 1024MB GDDR5-1600 (57.6 GB/s) 128-bit wide, 1.DirectX®11 GB GDDR5, 51.2 GB/s DirectX®11, Shader 5.0, OpenGL 4.1 capable UVD3 video & display engines for HD, Blu-ray & 3D
LAN	1x Intel® 82579LM Gigabit LAN controller (with iAMT 8.0) 1x Intel® 82579V Gigabit LAN controller
Expansion Slots	2x Mini PCI-E(x1) slot for WiFi, 3G and TV tuner options
I/O Interface	3x DVI, 1x Hybrid DVI (DVI/ VGA / HDMI with audio) 2x USB 2.0 ports, 2x USB 3.0 ports 2x RJ45 for LAN, 2x RJ45 for RS232 2x Microjack audio connectors for Line-in / Line-out Power / HDD LED, 1x Power on/off button 1x AC power inlet
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2...255 (sec/min)
Power Requirement	AC-in
Construction	SGCC
Weight	4.1kg (9.04lbs)
Chassis Color	Black & white
Storage	1x mSATA 1x SATA 3.0 2.5" HDD Dock
Power Supply	Internal 250w PSU
Mounting	Standard system bracket
Dimensions	380mm(W) x 250mm(D) x 45mm(H) 14.96"(W) x 9.84"(D) x 1.77"(H)
Operating Temperature	0°C ~ 45°C (32°F ~ 113°F)
Storage Temperature	-20°C ~ 80°C (-4°F ~ 176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	mSATA: 5 grms / 5~500Hz / random operation
Certification	CE, FCC, CCC, UL

Ordering Information

SI-64	Signage Player with 3rd Generation Intel® Core™ i5 (DT) i5-3550S Processors (6M Cache, up to 3.0 GHz) with AMD E6760 GPU, 8GB DDR3 DIMM, 2.5" 320GB SATA HDD
SI-64M	Signage Player with AMD E6760 GPU, without CPU/RAM/HDD

Dimensions





Specifications

System Mainboard	MBD60E
CPU Type	4th Generation Intel® Core™ i7/i5/i3 and Pentium® QC/DC processors, Up to 3.5GHz
CPU Socket	LGA1150
Chipset	Intel® Q87 PCH
Memory	4x 8G DDR3 1600 MHz, Max. 32GB
Graphics	AMD E8860 GPU with 128-bit wide, 2GB GDDR5, 72Gbps 640 Shader processors • AMD APP technology3, OpenCL™ 1.24, DirectCompute 11.1 • 768 / 48 GFLOPS single- / double-precision peak (600e/4.5Gbps) • Supports AMD Eyefinity technology3
LAN	1x Intel® Clarkville I218LM 1x Realtek RTL8111G-CG
Storage	1x mSATA 2x SATA 3.0 2.5" HDD Dock (supports RAID 1)
Expansion Slots	Dual mPCI-E(x1) slots for WiFi, 3G/LTE, Capture card and TV tuner options
I/O Interface	6x DP ports with independent video output 1x DVI-I for console 4x USB 3.0 ports 2x RJ45 for LAN 1x RJ45 for RS232 3x Microjack audio connectors for Line-in / Line-out/Mic-in Power LED for power on/off & HDD 1x power button 1x AC power inlet
Watchdog Timer	256 segments, 0, 1, 2...255 (sec/min)
Construction	SGCC
Weight	5.4Kg (11.9lbs)
Chassis Color	Black and white
Mounting	Standard system bracket
Dimensions	412mm(W) x 310mm(D) x 47mm(H) 16.22"(W) x 12.2"(D) x 1.85"(H)
Operating Temperature	0°C~ 45°C (32°F~113°F)
Storage Temperature	-20°C ~ 80°C (-4°F~176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	mSATA: 5 grms / 5~500Hz / random operation
Certification	CE, FCC, CCC, UL

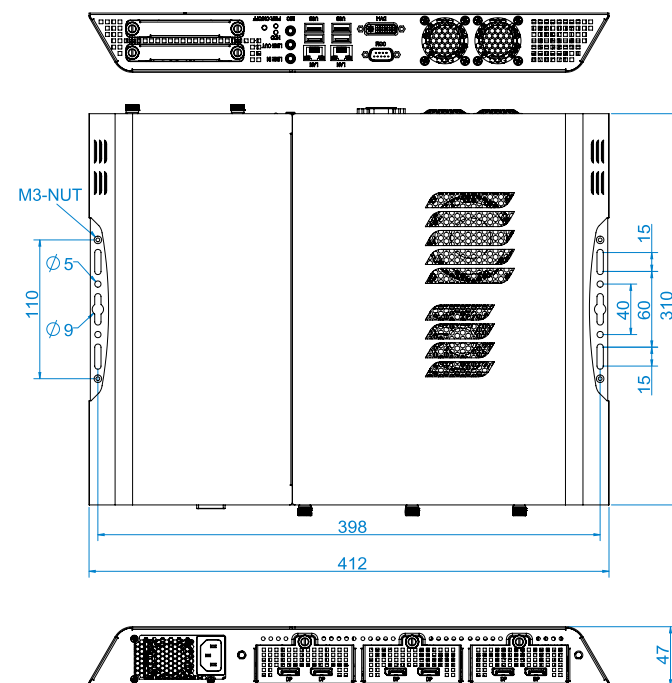
Features

- iSMART - for EuP/ErP power saving, auto-scheduler and power resume
- Supports up to 6 displays (DP 1.2) with independent video output
- Supports 4th Generation Intel® Core™ i desktop processor
- Supports 4x DDR3 1600MHz, Max. 32GB
- Flexible VW display configuration setting, Max. resolution: 11520 x 4320
- 2x RS232 serial ports, 2x Mini PCI-E(x1) slots for WiFi, 3G and TV tuner options
- 2x SATA 3.0 2.5" HDD with RAID 1 support
- Compact and rugged design

Ordering Information

SI-606	Signage Player with MBD60E (w/ AMD E8860 for 6x DP), with 4th Gen. Intel® Core (DT) i7-4770S processor, 4x 8GB DDR3 DIMM, 2.5" 128GB SSD and 250W PSU.
SI-606-M	Signage Player with MBD60E (w/ AMD E8860 for 6x DP), with 250W PSU, w/o CPU, memory and storage.

Dimensions



SI-60E 4th Gen. Intel® Core™ i Desktop Processor-based Signage Player with AMD Radeon™ E8860 Graphics and Twelve HDMI

Signature Book™



Features

- iSMART - for EuP/ErP power saving, auto-scheduler and power resume
- Supports up to 12 displays with AMD Eyefinity
- Discrete AMD Radeon™ E8860 graphics processors with 2GB GDDR5 graphics memory
- Supports 4th Generation Intel® Core™ i desktop processor
- Supports 4x DDR3 1600 MHz, Max. 32GB
- 2x Mini PCI-E(x1) slots for WiFi, 3G/LTE, capture card and TV tuner options
- Two RS232 serial ports
- Compact design

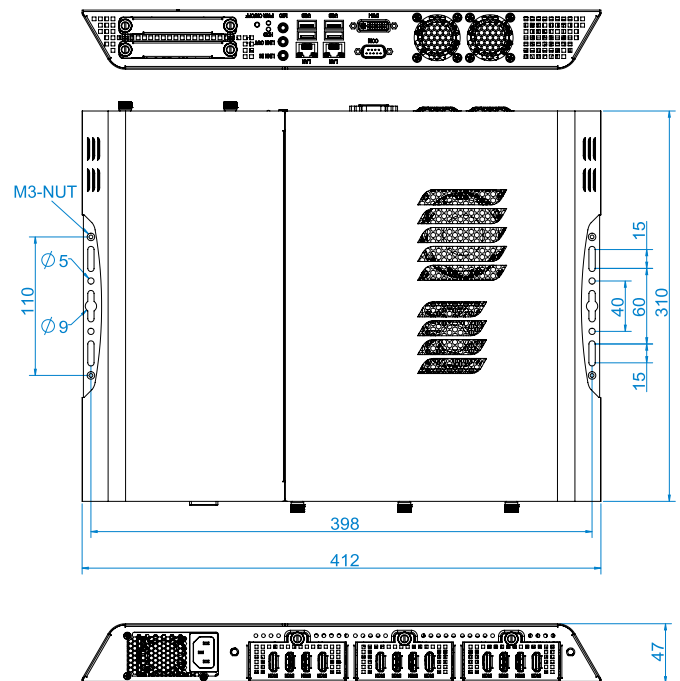
Specifications

System Mainboard	MBD60E
CPU Type	4th Generation Intel® Core™ i7/i5/i3 and Pentium® QC/DC processors, Up to 3.5GHz
CPU Socket	LGA1150
Chipset	Intel® Q87 PCH
Memory	4x DDR3 1600 MHz, Max. 32GB
Graphics	AMD E8860 GPU with 128-bit wide, 2GB GDDR5, 72Gbps 640 Shader processors • AMD APP technology3, OpenCL™ 1.24, DirectCompute 11.1 • 768 / 48 GFLOPS single- / double-precision peak (600e/4.5Gbps) • Supports AMD Eyefinity technology3
LAN	1x Intel® Clarkville i218LM 1x Realtek RTL8111G-CG
Expansion Slots	Dual mPCI-E(x1) slots for WiFi, 3G/LTE, Capture card and TV tuner options
I/O Interface	12x HDMI with EDID emulation function 1x DVI-I for console 4x USB 3.0 ports 2x RJ45 for LAN 1x RJ45 for RS232 3x Microjack audio connectors for Line-in / Line-out/Mic-in Power LED for power on/off & HDD 1x Power button 1x AC power inlet
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2,...255 (sec/min)
Construction	SGCC
Weight	5.4Kg (11.9lbs)
Chassis Color	Black and white
Storage	1x mSATA 2x SATA 3.0 2.5" HDD Dock (supports RAID 1)
Mounting	Standard system bracket
Dimensions	412mm(W) x 310mm(D) x 47mm(H) 16.22"(W) x 12.2"(D) x 1.85"(H)
Operating Temperature	0°C~ 45°C (32°F~113°F)
Storage Temperature	-20°C ~ 80°C (-4°F~176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	mSATA: 5 grms / 5~500Hz / random operation
Certification	CE, FCC, CCC, UL

Ordering Information

SI-60E	Signage Player with MBD60E (w/ AMD E8860 for 12x HDMI) with 4th Gen. Intel® Core (DT) i7-4770S processor, 4x 8GB DDR3 DIMM, 2.5" 128GB SSD and 250W PSU.
SI-60E-M	Signage Player with MBD60E (w/ AMD E8860 for 12x HDMI), with 250W PSU, w/o CPU, memory and storage.

Dimensions





Features

- iSMART - for EuP/ErP power saving, auto-scheduler and power resume
- Intel® Atom™ Processor E3845 SoC (22nm); Quad-Core @ 1.91GHz
- Intel® HD Graphics (Gen 7-LP) 4EU
- 2x DDR3L-1333 SO-DIMM, dual channel, Max. 8GB
- Supports 2x HDMI
- 1x Mini PCI-E(x1) slots for WiFi + Bluetooth, 3G, and TV tuner board options
- Fanless, super slim and compact design
- Wide operating temperature from -30°C to 60°C

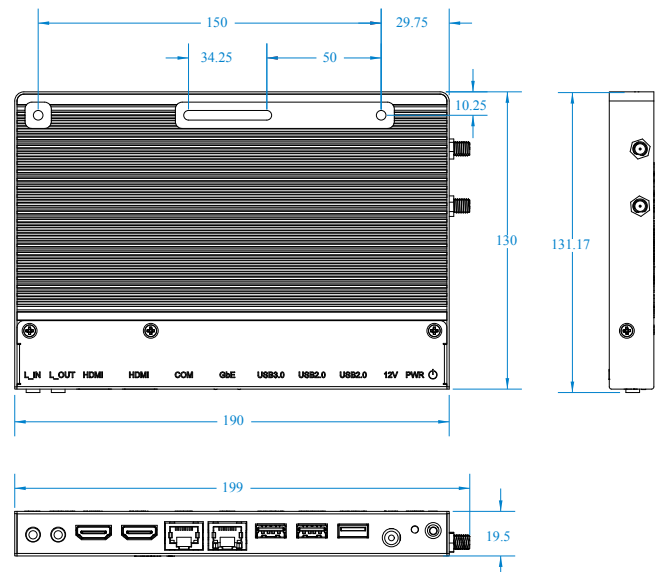
Specifications

System Mainboard	IB812
CPU Type	Intel® Atom™ E3845 SoC (22nm); Quad-Core @1.91GHz Integrated Graphics Core
CPU Socket	FCBGA 1170 BGA -- aka Atom "Type 3" (25mm x 27mm)
Chipset	SoC Integrated
Memory	2x DDR3L-1333 SO-DIMMs, Dual Channel, Max. 8GB (Non-ECC)
Graphics	Intel® HD graphics (Gen 7-LP) 4EU
LAN	1x RJ-45 GbE (Realtek RTL8111G-CG)
Expansion Slots	1x mPCIe(x1) for WiFi + Bluetooth, 3G, and TV tuner options 1x UIM/SIM card slot (for 3G/LTE adaptor in mPCIe slot)
I/O Interface	2x HDMI 1x USB 3.0 port, 2x USB 2.0 ports 1x RJ45 for LAN, 1x RJ45 for RS232 2x audio connectors for Line-in / Line-out Power / HDD LED, 1x power on/off button 1x DC jack
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2...255 sec/min
Power Requirement	+12V DC-in
Construction	Aluminum + SGCC
Weight	0.8Kg (1.76lbs)
Chassis Color	Black & white
Storage	1x mSATA
Power Supply	60W power adaptor
Mounting	Standard system bracket
Dimensions	190mm(W) x 130mm(D) x 19.5mm(H) 7.48"(W) x 5.12"(D) x 0.77"(H)
Operating Temperature	-30°C ~ 60°C (-22°F~140°F)
Storage Temperature	-40°C ~ 80°C (-40°F~176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	mSATA: 5 grms / 5~500Hz / random operation
Certification	CE/FCC, VCCI class B, UL & CCC

Ordering Information

SI-12	Signage Player with Intel® Atom™ E3845 SoC (22nm); Quad-Core @ 1.91 GHz, 4GB SO-DIMM RAM, 64GB mSATA, and 60W power adaptor
SI-12M	Signage Player with Intel® Atom™ E3845 SoC (22nm); Quad-Core @ 1.91 GHz, w/o memory, mSATA, with 60W power adaptor
SI-MK1	Mounting bracket for SI-06/08/12/18/22 series

Dimensions





Features

- iSMART - for EuP/ErP power saving, auto-scheduler and power resume
- Dual independent 1080p playback
- AMD R-Series Quad-Core R-452L (1.6/2.4GHz) APU
- 2x DDR3 1600MHz SO-DIMM, Max. 8GB
- AMD Radeon™ HD 7600G GPU
- Dual Mini PCI-E(x1) slots for Wi-Fi, Bluetooth, 3G or TV tuner options
- 12V~24V DC wide-range power input
- Compact and fanless design

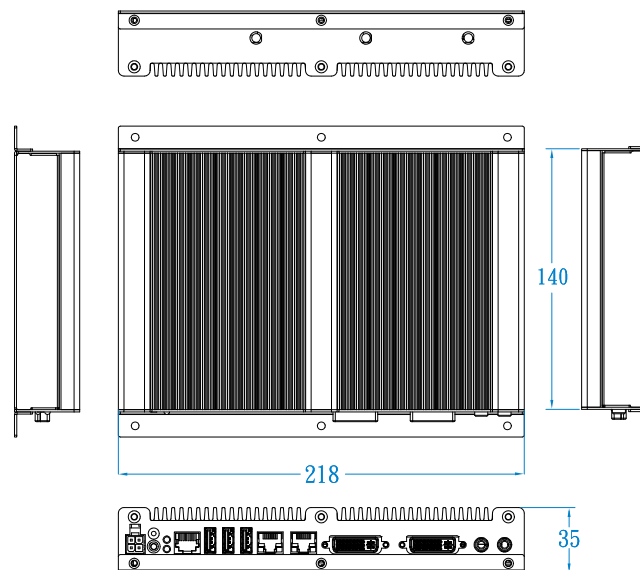
Specifications

System Mainboard	IB939-45
CPU Type	AMD R-452L Quad-Core (1.6/2.4GHz) APU
CPU Package	827-BGA (837mm*2)
Chipset	AMD A70M
Memory	2x DDR3 1600MHz SO-DIMM memory, Max. 8GB
Graphics	AMD Radeon™ HD 7600G GPU 2x Hybrid DVI-I Supports: OpenCL™ 1.1DirectCompute 11, DirectX® 11 UVD3 Hardware Video Decoder, MPEG-2, MPEG-4, H.264, VC-1, WMV
LAN	2x RTL8111G Gigabit LAN controller
Expansion Slots	1x mSATA/mPCIe(x1) Full size 1x mPCIe(x1) Half size For Wi-Fi, Bluetooth, 3G or TV tuner options
I/O Interface	1x Hybrid-DVI (VGA/ DVI/ HDMI with audio) 1x Dual-link DVI-I 3x USB 3.0 ports 2x RJ45 for LAN 1x RJ45 for RS232 2x Microjack audio connectors for Line-in / Line-out Power LED / HDD LEDb & power on/off button 1x ATX 4-pin Power jack connector
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2...255 (sec/min) On / Off scheduler: 2 time slots
Power Requirement	+12V~24V DC-in
Construction	Aluminum + SGCC
Weight	1.7kg (3.75lbs)
Chassis Color	Black & white
Storage	1x open frame SSD 1x mSATA
Power Supply	84W power adaptor
Mounting	Slim design with wall mounting holes
Dimensions	218mm(W) x 140mm(D) x 35mm(H) 8.58"(W) x 5.51"(D) x 1.38"(H)
Operating Temperature	0°C ~ 45°C (32°F ~ 113°F)
Storage Temperature	-20°C ~ 80°C (-4°F ~ 176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	SSD: 5 grms / 5~500Hz / random operation HDD: 0.25 grms / 5~500Hz / random operation
Certification	CE/FCC, UL, CCC & e24Mark

Ordering Information

SI-32-N	Signage Player with AMD R-452L Quad-Core (1.6/2.4GHz) APU, 4GB DDR3 SO-DIMM, 32GB mSATA & 84W power adaptor
SI-32-NM	Signage Player with AMD R-452L Quad-Core (1.6/2.4GHz) APU & 84W power adaptor, w/o memory, storage

Dimensions





Specifications

System Mainboard	IB912
CPU Type	5th Gen. Intel® Core™ i7/i5/i3 ULT Processors
CPU Socket	FCBGA1168
Chipset	SoP (System-on-Package)
Memory	2x DDR3L-1600 SO-DIMM Max. 16GB
Graphics	Intel® HD graphics engine
LAN	1x GbE with Intel® 218LM PHY 1x GbE with Intel® 210IT PCIe
Expansion Slots	1x Mini PCI-E(x1) slot for Wi-Fi/ Bluetooth/ TV tuner/ 3G / LTE Wireless options 1x SIM card slot 2x M2(NGFF) slots for SSD storage/ Wi-Fi/ Bluetooth/ 3G/LTE/ TV tuner options
I/O Interface	2x DVI-I with EDID emulation function 2x USB 2.0 2x USB 3.0 2x RJ45 for Gigabit LAN 1x RJ45 for RS-232 serial port 2x Microjack audio connectors for Mic-in / Line-out Power / HDD LED, 1x Power on/off button 1x 4 pin 7~36V DC terminal block
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2...255 (sec/min)
Power Requirement	7V~36V DC-in
Construction	Aluminum + SGCC
Weight	3.7 Kg (8.16lbs)
Chassis Color	Black & white
Storage	1x 2.5" HDD/SSD 1x mSATA 1x NGFF M key 22 x 80mm (2280)
Power Supply	Option
Mounting	Standard system bracket
Dimensions	280mm(W) x 216mm(D) x 46mm(H) 11.02"(W) x 8.5"(D) x 1.81"(H)
Operating Temperature	-40°C~ 75°C (-40°F~ 167°F) with SSD w/o WiFi or 3G/LTE
Storage Temperature	-50°C~85°C (-58°F~185°F) with SSD
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	mSATA: 5 grms / 5~500Hz / random operation
Certification	CE, FCC, CCC, UL & e24 Mark

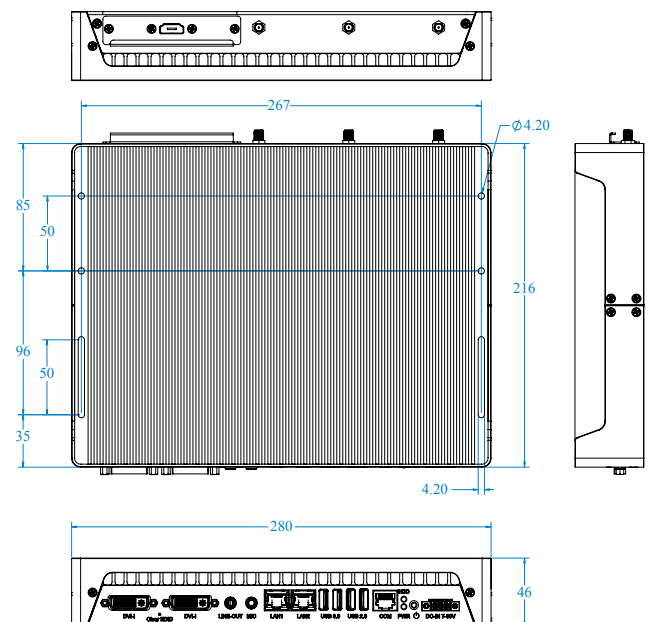
Features

- iSmart V 3.0 support (on/off auto-scheduling and power-resume)
- Supports 5th Gen. Intel® Core™ i7/i5/i3 ULT Processors with integrated Intel® HD graphics engine
- iAMT for remote management
- 2x M2(NGFF) and 1x Mini PCI-E(x1) slots for optional SSD storage devices (SSD), Wi-Fi, Bluetooth, 3G/LTE or TV tuner
- 7V~36V DC wide-range power input
- Wide operating temperature from -40°C to 75°C
- Ruggedized, fanless and all solid state design

Ordering Information

SE-92-I7	Outdoor/In-vehicle Signage Player with Intel® Core™ i7-5650U ULT processor, wide temp 2x 4GB DDR3L SO-DIMM memory, wide temp 64GB SSD
SE-92-I5	Outdoor/In-vehicle Signage Player with Intel® Core™ i5-5350U ULT processor, wide temp 2x 4GB DDR3L SO-DIMM memory, wide temp 64GB SSD
SE-92-I3	Outdoor/In-vehicle Signage Player with Intel® Core™ i3-5010U ULT processor, wide temp 2x 4GB DDR3L SO-DIMM memory, wide temp 64GB SSD
SE-92-I7M	Outdoor/In-vehicle Signage Player with Intel® Core™ i7-5650U ULT processor, w/o memory and storage
SE-92-I5M	Outdoor/In-vehicle Signage Player with Intel® Core™ i5-5350U ULT processor, w/o memory and storage
SE-92-I3M	Outdoor/In-vehicle Signage Player with Intel® Core™ i3-5010U ULT processor, w/o memory and storage

Dimensions



IOPS-18 AMD G-Series Dual-Core APU-based OPS Signage Player with Radeon™ 6320 Graphics

OPS Module



Features

- AMD Embedded G-Series APU (Dual-Core)
- Integrated 80 Core DirectX 11 GPU in processor
- 1x DDR3 1333 MHz SO-DIMM, Max. 4GB
- Supported I/O: VGA, LAN port, USB 2.0, COM port, internal Mini PCI-E, OPS connector
- HDD LED activity indicator

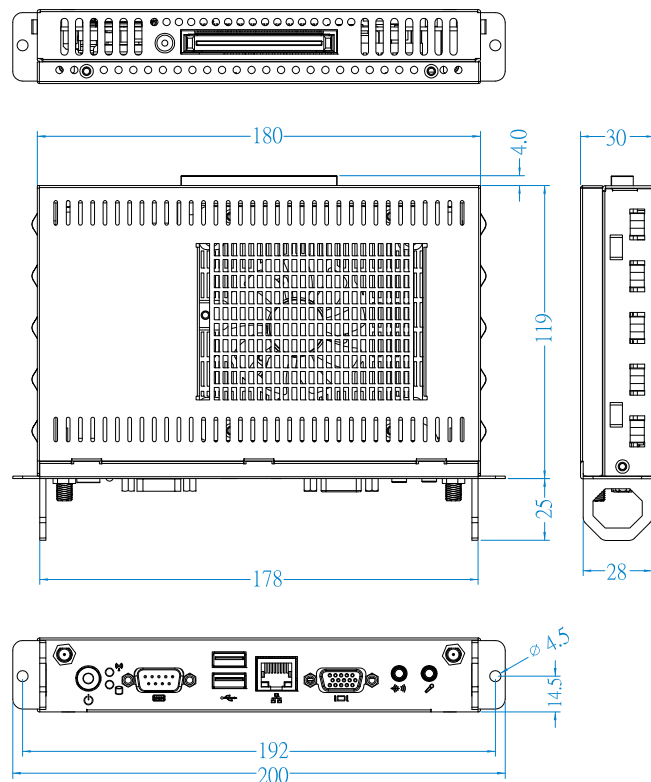
Specifications

System Mainboard	IOPS-18MB
CPU Type	AMD G-Series Dual-Core APU (Accelerated Processing Unit); T56N=1.65GHz @ 18W TDP
CPU Package	413-BGA
Chipset	AMD A50M Controller Hub
Memory	1x DDR3 1333MHz SO-DIMM 204PIN (Max. 8GB)
Graphics	AMD Radeon HD6320 series graphics integrated in APU • DirectX 11 • Direct Compute 11 • Open GL 4.0 • OpenCL 1.1 • UVD3 Hardware Video Decoder – MPEG2, MPEG4, H.264, VC-1, WMV9 • HDMI/ DP: (via OPS interconnection) • VGA
LAN	1x Realtek RTL8111C PCI-E Gigabit LAN controller
Expansion Slots	1x Mini PCI-E(x1) for Wi-Fi, Bluetooth, TV tuner options
I/O Interface	1x OPS connector (JAE TX 25, pin definition follows Intel OPS specifications) 1x D-Sub, 1x Gigabit LAN (RJ-45), 2x USB2.0 compliant 1x COM port (RS-232), Power button, Line-In/Line-out
Auto Control and Monitoring	Watchdog timer: 256 segments, 0, 1, 2...255 (sec/min)
Power Requirement	DC-in +12~+19V (Intel® OPS standard)
Construction	Aluminum + SGCC (steel)
Weight	0.9kg (1.98lbs)
Chassis Color	Black
Storage	2.5" open frame SSD
Mounting	Slim design with wall mounting holes
Dimensions	200mm(W) x 119mm(D) x 30mm(H) 7.87"(W) x 4.69"(D) x 1.18"(H)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-20°C ~ 80°C (-4°F ~ 176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	SSD: 5 grms / 5~500Hz / random operation HDD: 0.25 grms / 5~500Hz / random operation
Certification	CE, FCC

Ordering Information

IOPS-18	OPS System with AMD T56N APU 1.65GHz, 2GB RAM, 32GB SSD
IOPS-18M	OPS System with AMD T56N APU 1.65GHz, without memory and HDD

Dimensions





Specifications

System Mainboard	iOPS-76 MB
CPU Type	2nd/3rd Generation Intel® Core™ i7/i5/i3/ Celeron® Quad-Core/Dual-Core Mobile Processors (TDP <= 35W)
CPU Package	FCBGA1023
Chipset	Intel® QM77 PCH
Memory	2x DDR3 1600MHz SO-DIMM memory, Max. 16GB
Graphics	Intel® HD graphics supports: OpenGL 3.0 DirectX® 11 OpenCL 1.1 MFX Hardware Video Decoder – MPEG-2, AVC, VC-1, JPEG
LAN	1x Intel® 82579LM Gigabit LAN controller
Expansion Slots	1x Mini PCI-E(x1) slot for Wi-Fi, Bluetooth, TV tuner, 3G Wireless options
I/O Interface	1x DisplayPort 2x USB 3.0 ports 1x RJ45 for LAN 2x Microjack audio connectors for Line-in / Line-out Power On/Reset button
Auto Control and Monitoring	256 segments, 0, 1, 2...255 (sec/min)
Power Requirement	DC-in +12~+19V (Intel® OPS standard)
Construction	Aluminum + SGCC(steel)
Weight	0.9kg (1.98lbs)
Chassis Color	Black
Storage	1x mSATA
Mounting	Open Pluggable Specification
Dimensions	200mm(W) x 119mm(D) x 30mm(H) 7.87"(W) x 4.69"(D) x 1.18"(H)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-20°C ~ 80°C (-4°F ~ 176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	mSATA: 5 grms / 5~500Hz / random operation
Certification	CE, FCC

Features

- Supports 2nd/3rd Generation Intel® Core™ i5/i7/ Celeron Mobile QC/DC Processors
- 2x DDR3 1333MHz SO-DIMM, Max. 16GB
- Supported I/O: Display port, USB 3.0, LAN port
- Intel® HD graphics engine
- iAMT Compliance for remote management
- 2x USB 3.0 ports
- 1x Mini PCI-E(x1) slots for Wi-Fi/ Bluetooth/ TV / tuner/ 3G Wireless options

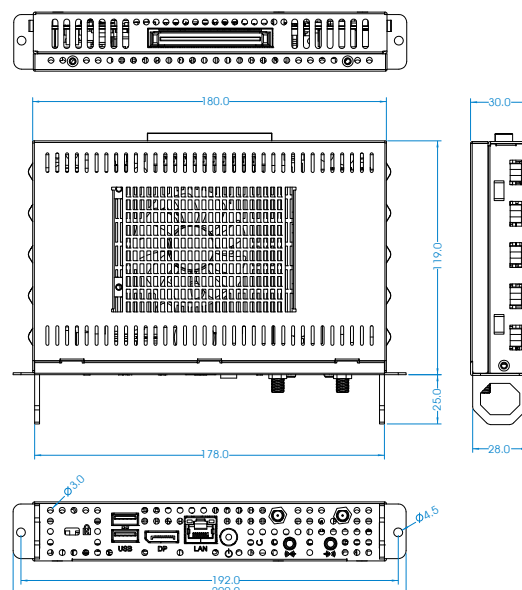
Expansion Dock

I/O Interface	1x DisplayPort, 1x HDMI port 1x USB 3.0 port, 2x USB 2.0 ports 1x DB9 for RS232 1x Microjack audio connectors for Line-in / Line-out 1x 12~19V Mini DIN DC Jack
Dimensions	7.89"(W) x 6.85"(D) x 1.44"(H)

Ordering Information

iOPS-76	OPS Player with Intel® Core™ i5-3610ME Mobile processor (3M cache, up to 3.30 GHz) 8GB RAM, 64GB mSATA
iOPS-76L	OPS Player with Intel® Celeron® 827E processor (1.5M cache, 1.40 GHz), 8GB RAM, 64GB mSATA
iOPS-76-M	OPS Player with Intel® Core™ i5-3610ME Mobile processor (3M cache, up to 3.30 GHz) without memory / mSATA
iOPS-76L-M	OPS Player with Intel® Celeron® 827E Mobile processor, without memory / mSATA
iOPS-EK1-SYS	iOPS-76 series Expansion Dock with 150W adaptor- for use without OPS display

Dimensions



Robust Outdoor Digital Signage Player

**Rugged, Wide-Temperature Design
for Harsh Environment Application**



SE-92

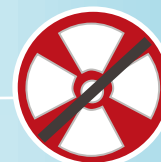
- 5th Gen. Intel® Core™ ULT Processors
- 7V~36V DC Wide-Range Power Input
- Operating Temperature from -40°C (-40°F) to 75°C (167°F)
- Fanless, ruggedized and all solid state design
- e24 Mark certified



Wide
Temperature



Wide-Range
Power Input



Fanless
Operation



iSMART



Wireless
Connectivity



24/7 & Longevity



8K



AMD Eyefinity
MULTI-DISPLAY TECHNOLOGY

12
Screens
Video Wall



SI-60E

8K High Resolution Video Wall Player

**Excellent Graphics Performance
For Multi-port, Video Wall Application**

- ▶ Designed for Ultra-High video oriented contents
- ▶ 12 x HDMI with EDID emulation function
- ▶ Delivers independent & simultaneous multiple-display outputs
- ▶ Flexible video wall display configuration
- ▶ Supports Intel® AMT for remote control and IBASE's iSMART green technology with auto-scheduler & power resume functions

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